

Connecting via Winsock to STN

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LOGINID:SSPTAMTM1795

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 12:53:40 ON 01 OCT 2009
FILE 'REGISTRY' ENTERED AT 12:53:40 ON 01 OCT 2009
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	186.36	565.06

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	186.36	565.06

FILE 'REGISTRY' ENTERED AT 12:53:57 ON 01 OCT 2009
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 29 SEP 2009 HIGHEST RN 1186580-18-6
DICTIONARY FILE UPDATES: 29 SEP 2009 HIGHEST RN 1186580-18-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

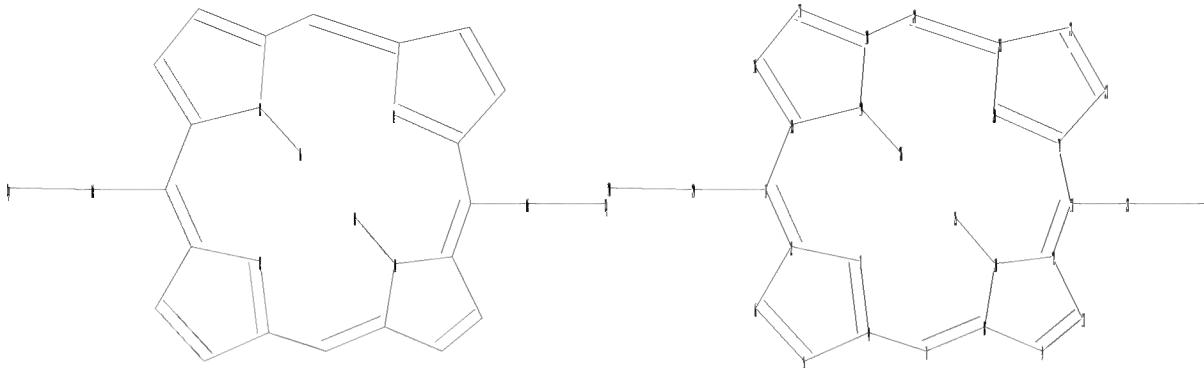
TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\cot.str



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chain nodes :
25 26 27 28 29 30
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
24
chain bonds :
1-29 10-25 13-27 19-26 27-28 29-30
ring bonds :
1-15 1-2 2-3 2-6 3-4 4-5 4-7 5-6 7-8 8-9 8-10 9-11 10-12 11-12 12-13
13-14 14-20 14-23 15-16 15-19 16-17 17-18 18-19 18-24 20-21 21-22 21-24
22-23
exact/norm bonds :
1-29 8-10 10-12 13-27 15-19 18-19 27-28 29-30
exact bonds :
10-25 19-26
normalized bonds :
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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
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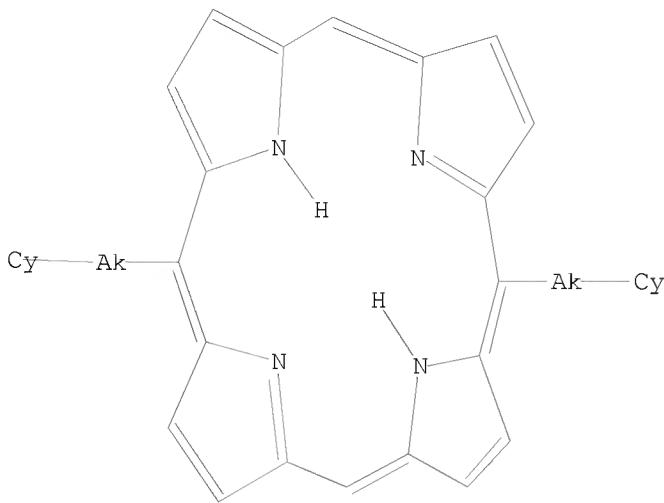
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L11 STRUCTURE UPLOADED

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=> d 111
L11 HAS NO ANSWERS
L11            STR

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Structure attributes must be viewed using STN Express query preparation.

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 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 107807 TO 116793
 PROJECTED ANSWERS: 1 TO 156

L12 1 SEA SSS SAM L11

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 FULL SCREEN SEARCH COMPLETED - 122 TO ITERATE

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 SEARCH TIME: 00.00.01

L13 0 SEA SSS FUL L1

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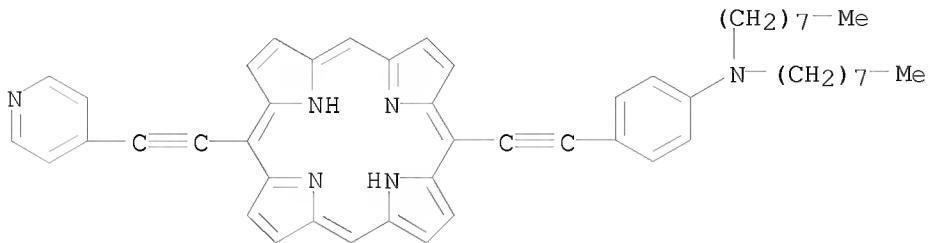
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L14 171 SEA SSS FUL L11

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L14 ANSWER 1 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1161942-49-9 REGISTRY

ED Entered STN: 13 Jul 2009
CN Benzenamine, N,N-dioctyl-4-[2-[15-[2-(4-pyridinyl)ethynyl]-21H,23H-porphin-5-yl]ethynyl]- (CA INDEX NAME)
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SR CA
LC STN Files: CA, CAPLUS, CASREACT

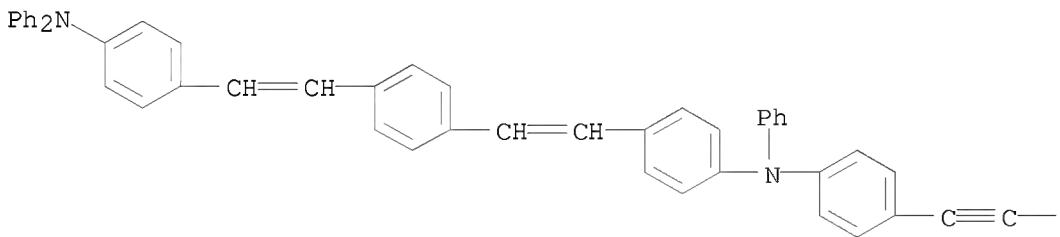


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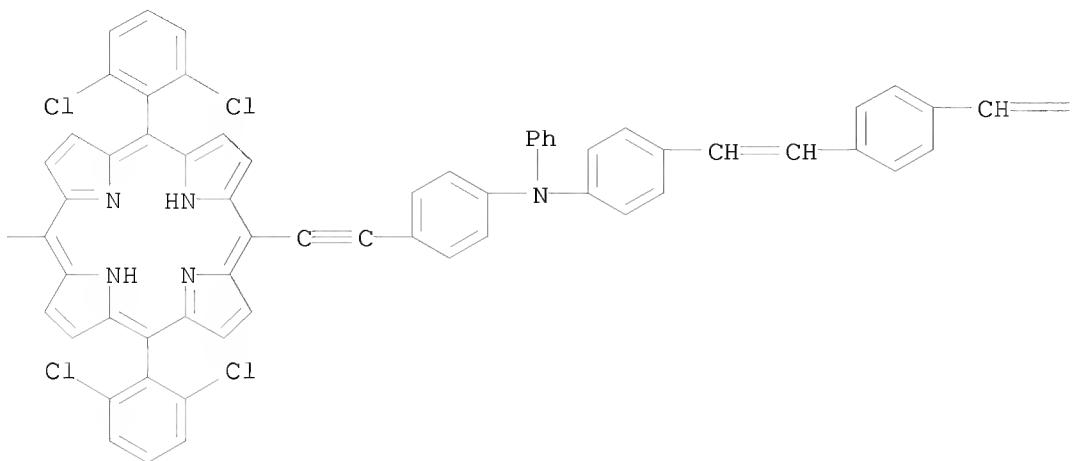
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 2 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1150662-92-2 REGISTRY
ED Entered STN: 29 May 2009
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LC STN Files: CA, CAPLUS

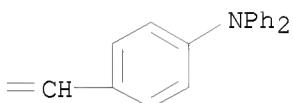
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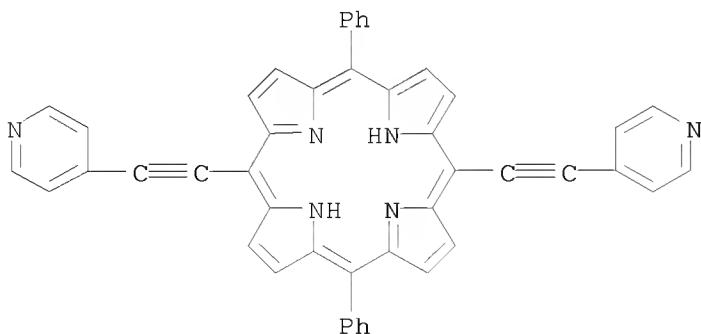
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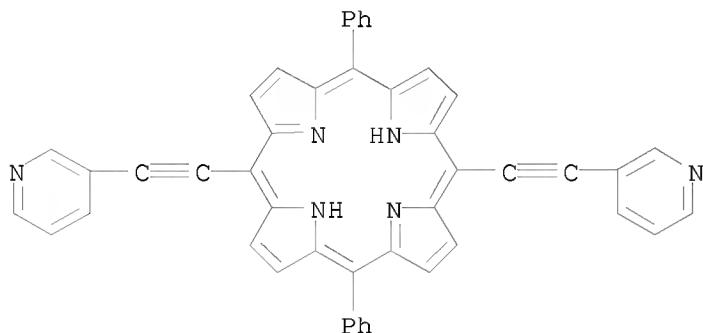
L14 ANSWER 3 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1146967-10-3 REGISTRY
ED Entered STN: 15 May 2009
CN 21H,23H-Porphine, 5,15-diphenyl-10,20-bis[2-(4-pyridinyl)ethynyl]- (CA INDEX NAME)
MF C46 H28 N6
SR CA
LC STN Files: CA, CAPLUS, CASREACT



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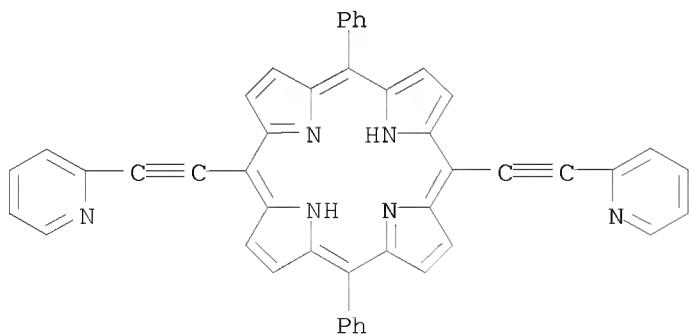
L14 ANSWER 4 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1146967-09-0 REGISTRY
ED Entered STN: 15 May 2009
CN 21H,23H-Porphine, 5,15-diphenyl-10,20-bis[2-(3-pyridinyl)ethynyl]- (CA
INDEX NAME)
MF C46 H28 N6
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 5 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1146967-07-8 REGISTRY
ED Entered STN: 15 May 2009
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LC STN Files: CA, CAPLUS, CASREACT



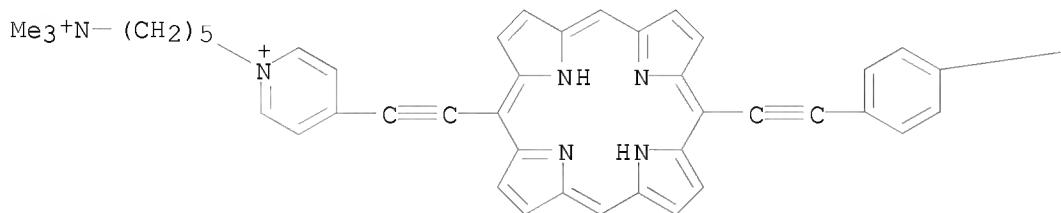
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 RN 1129868-36-5 REGISTRY
 ED Entered STN: 31 Mar 2009
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 CI COM
 SR CA

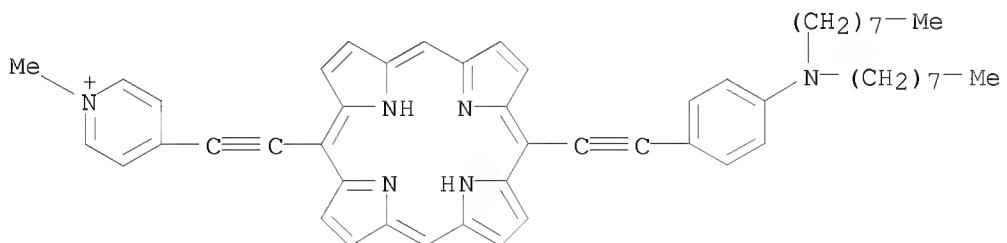
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PAGE 1-B

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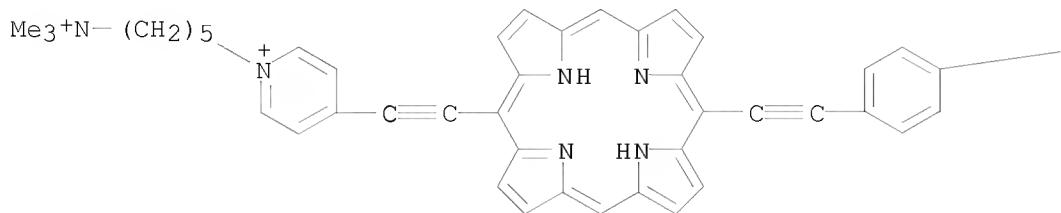
L14 ANSWER 7 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1129868-35-4 REGISTRY
 ED Entered STN: 31 Mar 2009
 CN Pyridinium, 4-[2-[15-[2-[4-(dioctylamino)phenyl]ethynyl]-21H,23H-porphin-5-yl]ethynyl]-1-methyl- (CA INDEX NAME)
 MF C52 H57 N6
 CI COM
 SR CA



L14 ANSWER 8 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1129510-73-1 REGISTRY
 ED Entered STN: 30 Mar 2009
 CN Pyridinium, 4-[2-[15-[2-[4-(dioctylamino)phenyl]ethynyl]-21H,23H-porphin-5-yl]ethynyl]-1-[5-(trimethylammonio)pentyl]-, chloride (1:2) (CA INDEX NAME)
 MF C59 H73 N7 . 2 Cl

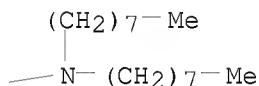
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LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER
CRN (1129868-36-5)

PAGE 1-A



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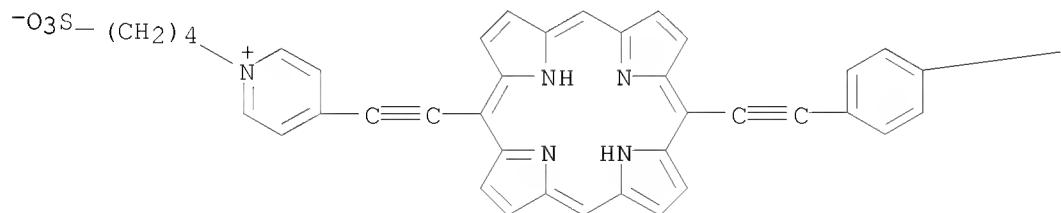
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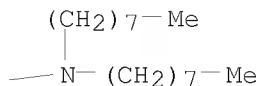
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 9 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1129510-71-9 REGISTRY
ED Entered STN: 30 Mar 2009
CN Pyridinium, 4-[2-[15-[2-[4-(dioctylamino)phenyl]ethynyl]-21H,23H-porphin-5-yl]ethynyl]-1-(4-sulfobutyl)-, inner salt (CA INDEX NAME)
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PAGE 1-A

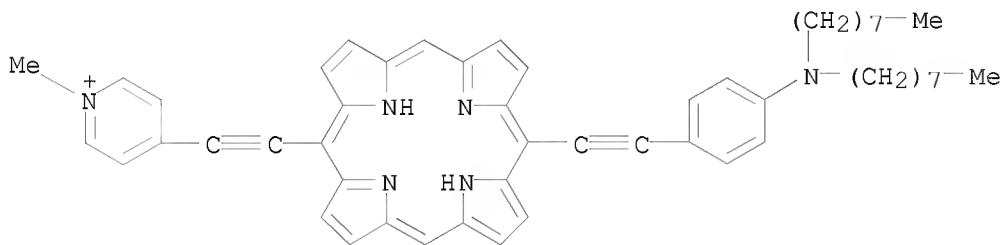


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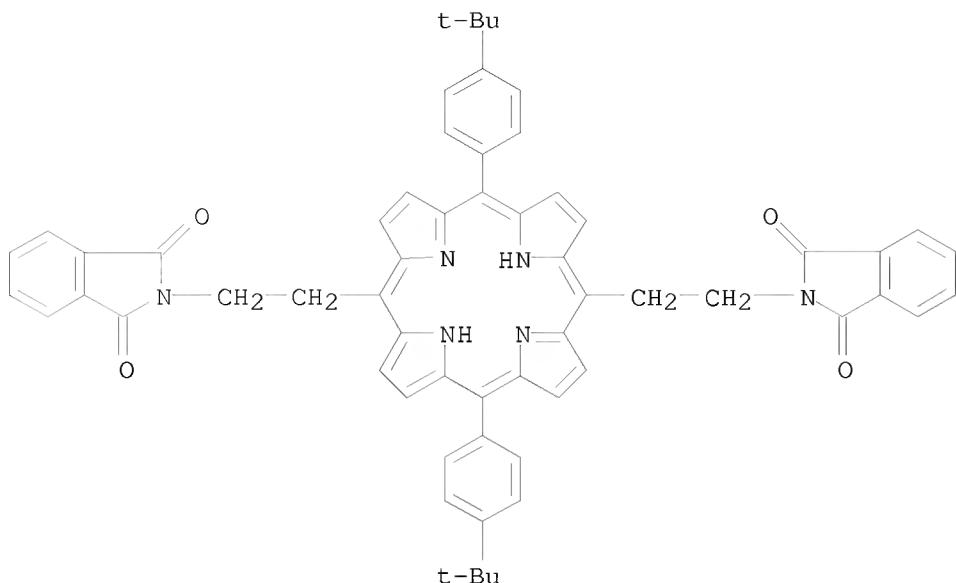
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RN 1129510-69-5 REGISTRY
ED Entered STN: 30 Mar 2009
CN Pyridinium, 4-[2-[15-[2-[4-(dioctylamino)phenyl]ethynyl]-21H,23H-porphin-5-yl]ethynyl]-1-methyl-, chloride (1:1) (CA INDEX NAME)
MF C52 H57 N6 . Cl
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER
CRN (1129868-35-4)



● Cl⁻

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

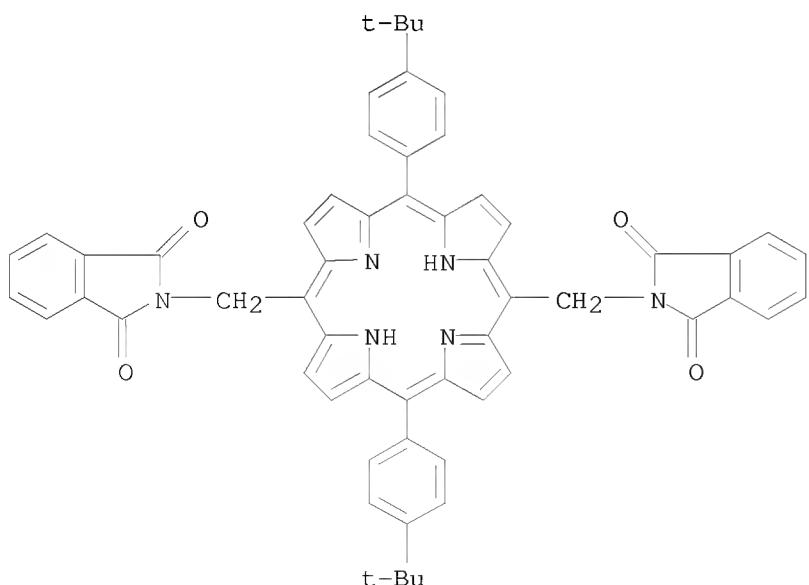
L14 ANSWER 11 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1113058-71-1 REGISTRY
ED Entered STN: 01 Mar 2009
CN 1H-Isoindole-1,3(2H)-dione, 2,2'-[10,20-bis[4-(1,1-dimethylethyl)phenyl]-21H,23H-porphine-5,15-diyl]di-2,1-ethanediyl]bis- (CA INDEX NAME)
MF C60 H52 N6 O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L14 ANSWER 12 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1113058-70-0 REGISTRY
ED Entered STN: 01 Mar 2009
CN 1H-Isoindole-1,3(2H)-dione, 2,2'-[10,20-bis[4-(1,1-dimethylethyl)phenyl]-
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SR CA
LC STN Files: CA, CAPLUS, CASREACT



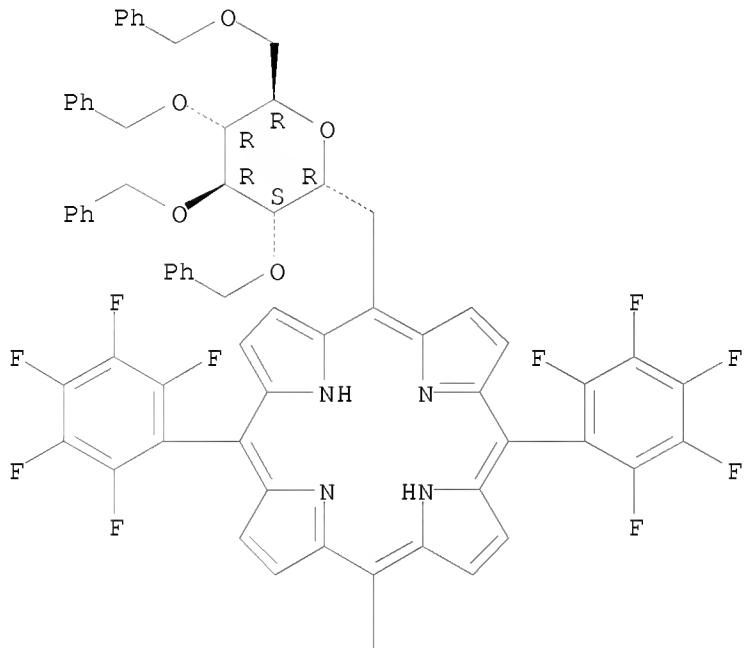
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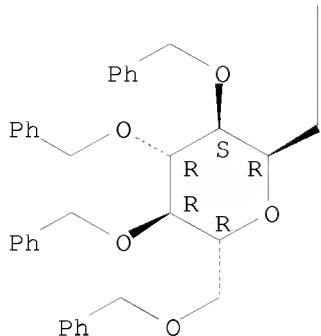
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RN 1104191-79-8 REGISTRY
ED Entered STN: 11 Feb 2009
CN D-glycero-L-gulo-Heptitol, 7,7'-[10,20-bis(2,3,4,5,6-pentafluorophenyl)-
21H,23H-porphine-5,15-diyl]bis[2,6-anhydro-7-deoxy-1,3,4,5-tetrakis-O-
(phenylmethyl)- (CA INDEX NAME)
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LC STN Files: CA, CAPLUS

Absolute stereochemistry.

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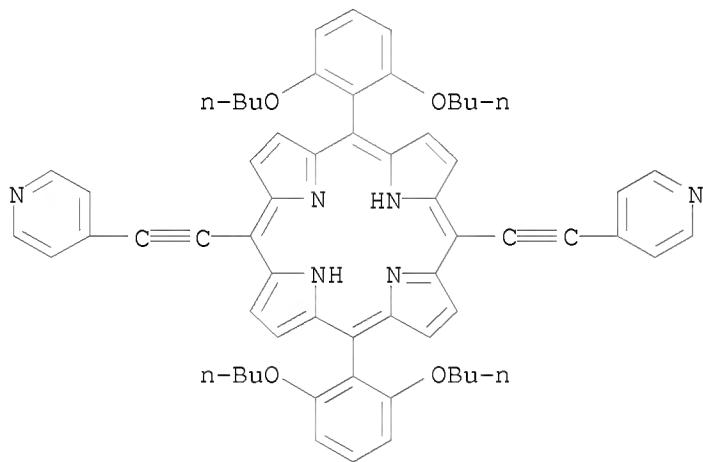




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 ED Entered STN: 18 Dec 2008
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 LC STN Files: CAPLUS

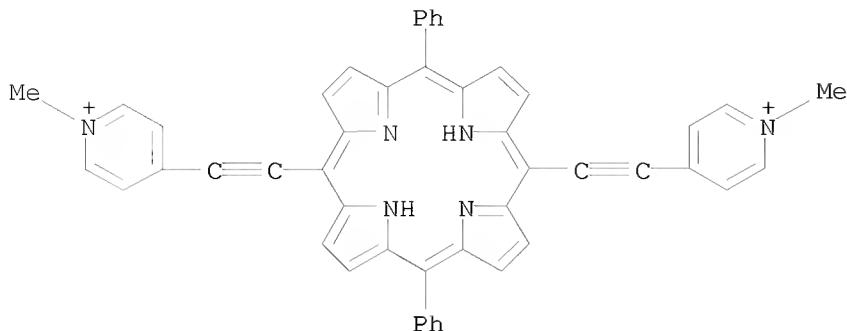


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 MF C48 H34 N6
 CI RIS

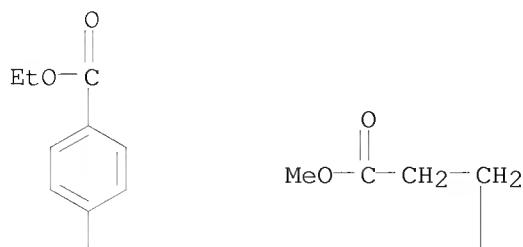
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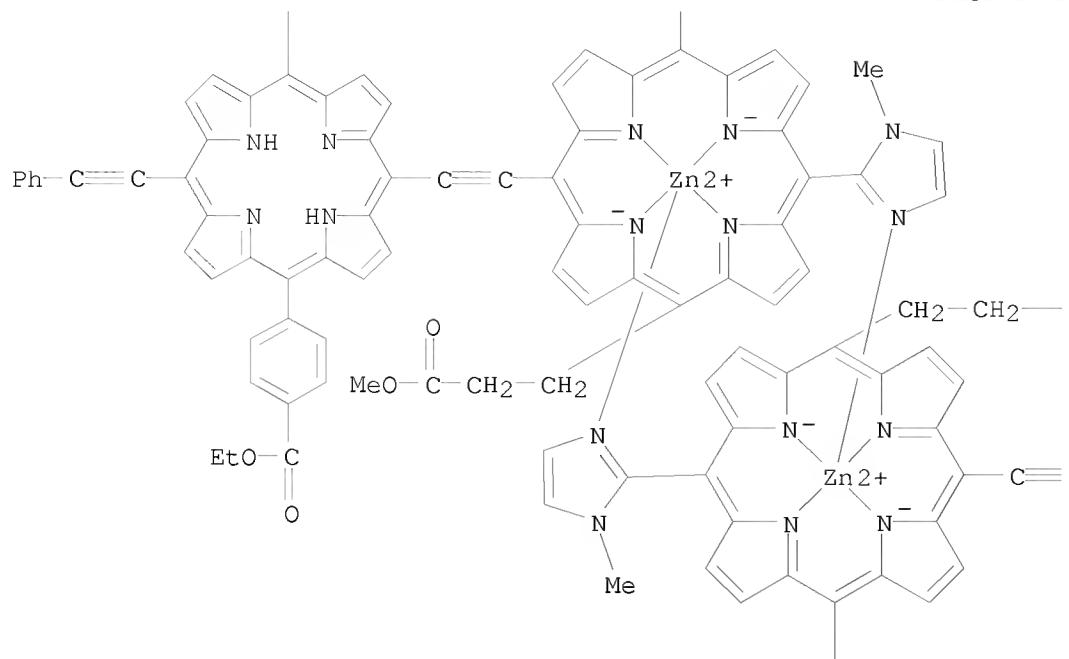
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L14 ANSWER 16 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1061234-66-9 REGISTRY
ED Entered STN: 14 Oct 2008
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LC STN Files: CA, CAPLUS, CASREACT

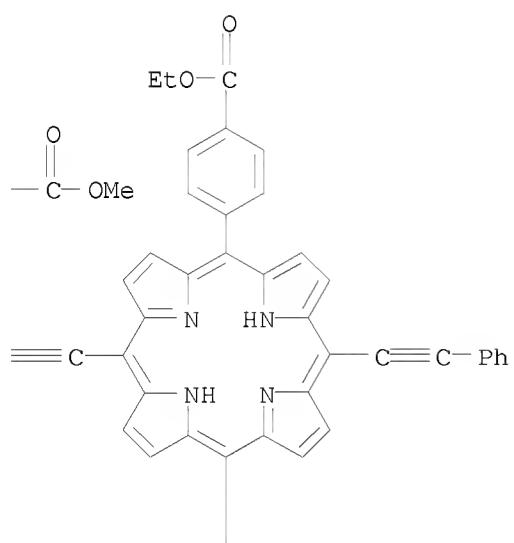
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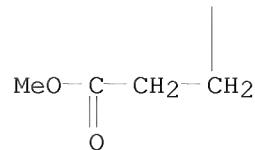
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PAGE 3-A



PAGE 3-B

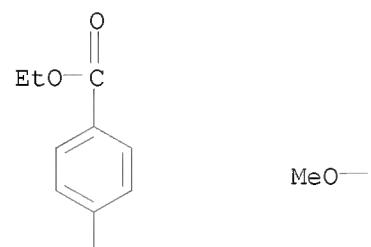


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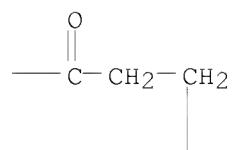
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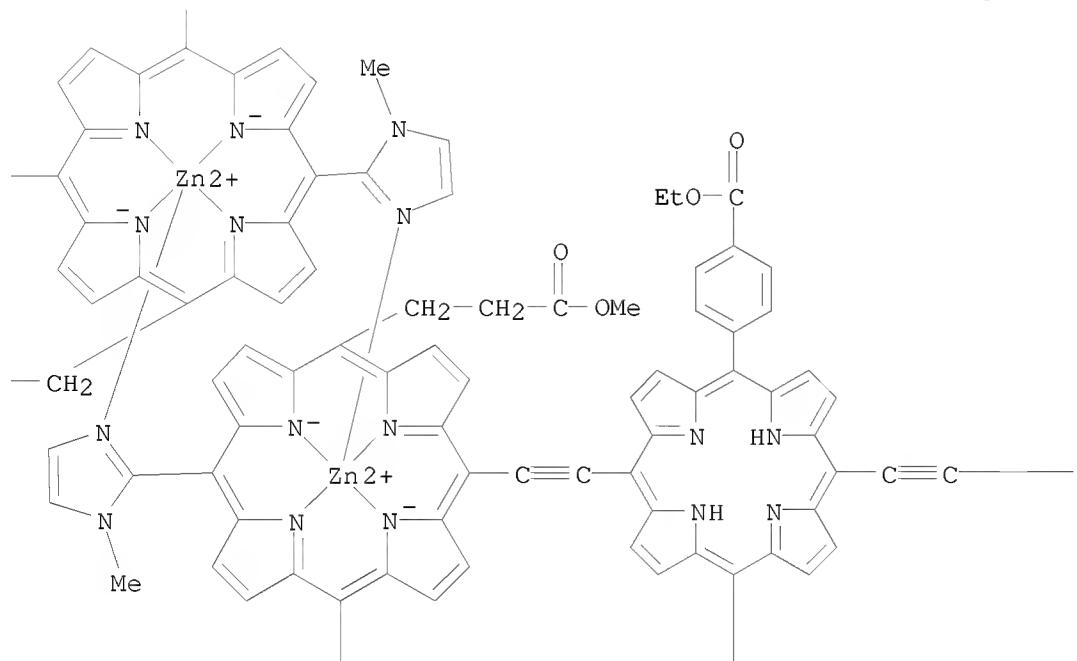
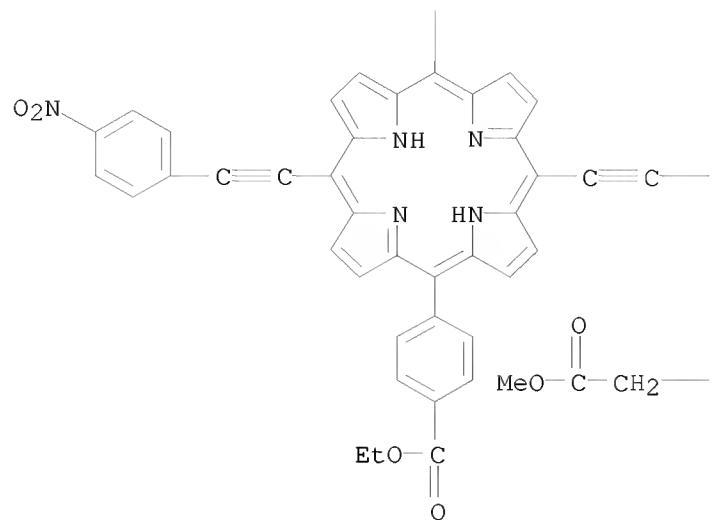
L14 ANSWER 17 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1061234-64-7 REGISTRY
ED Entered STN: 14 Oct 2008
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LC STN Files: CA, CAPLUS, CASREACT

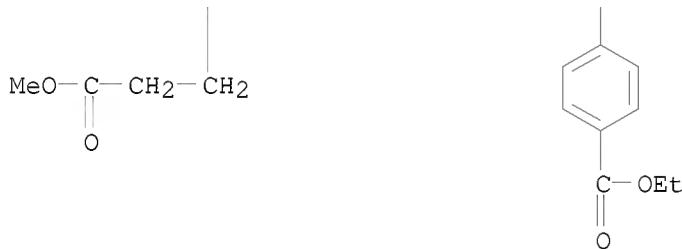
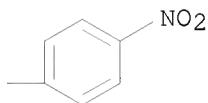
PAGE 1-A



PAGE 1-B





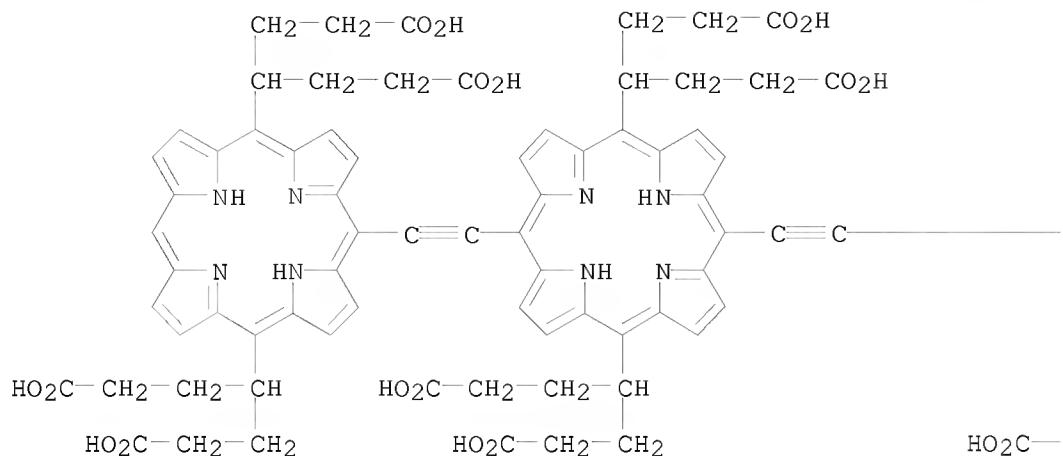


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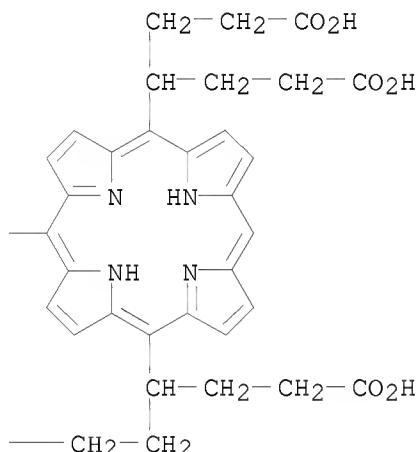
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 RN 1059629-55-8 REGISTRY
 ED Entered STN: 12 Oct 2008
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 5-yl]ethynyl]- γ 5, γ 15-bis(2-carboxyethyl)-, sodium salt (1:12)
 (CA INDEX NAME)
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 CRN (1059629-54-7)

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●12 Na

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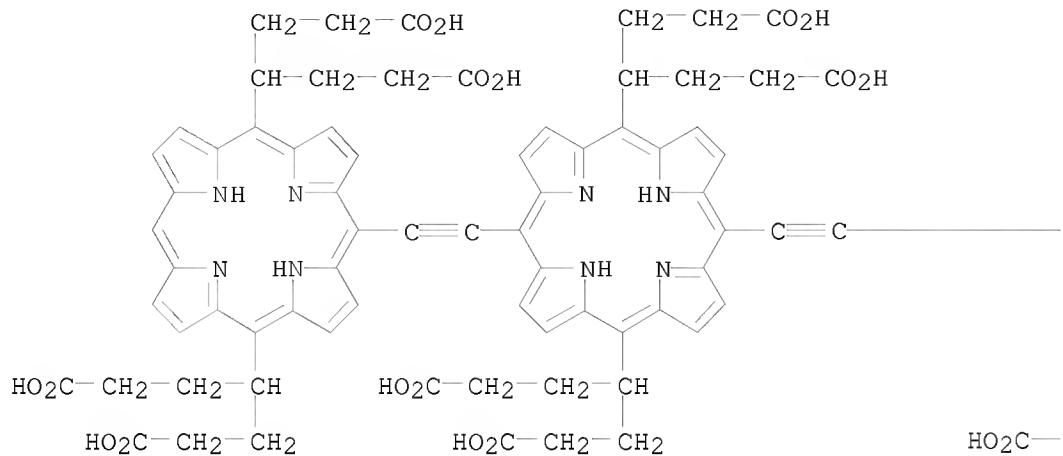
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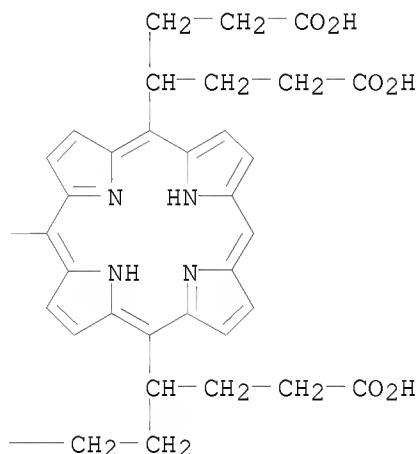
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MF C106 H98 N12 O24
CI COM
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

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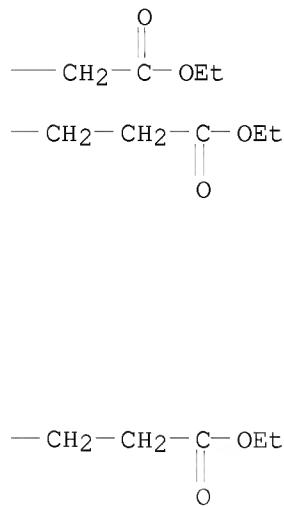
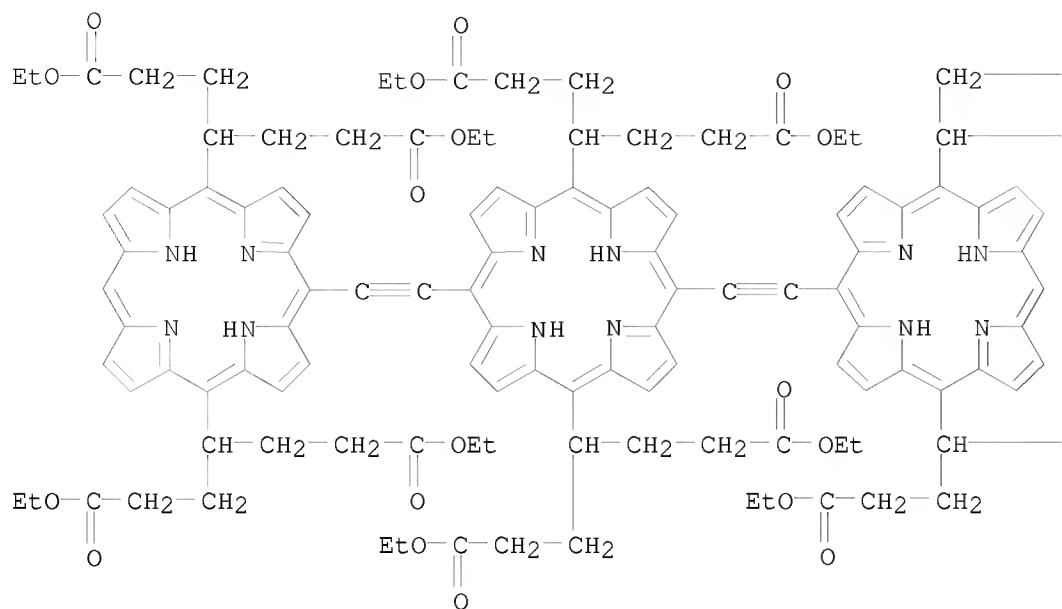
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 20 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1059629-53-6 REGISTRY
ED Entered STN: 12 Oct 2008
CN 21H,23H-Porphine-5,15-dibutanoic acid,
10,20-bis[2-[10,20-bis[4-ethoxy-1-(3-ethoxy-3-oxopropyl)-4-oxobutyl]-
21H,23H-porphin-5-yl]ethynyl]-5,γ15-bis(3-ethoxy-3-oxopropyl)-
, 5,15-diethyl ester (CA INDEX NAME)
MF C130 H146 N12 O24
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



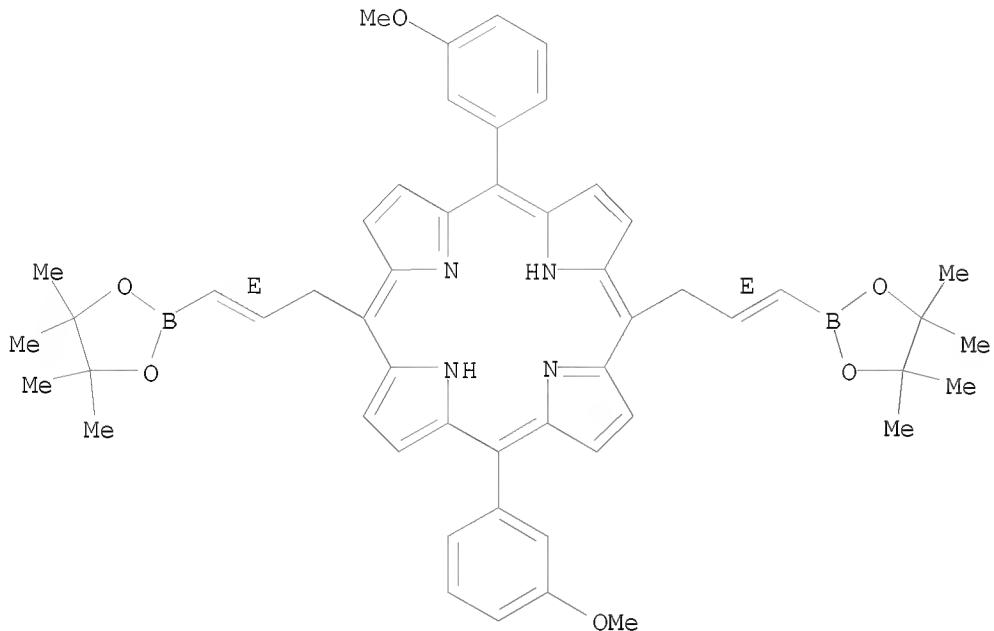
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 21 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1052717-83-5 REGISTRY
 ED Entered STN: 25 Sep 2008
 CN 21H,23H-Porphine, 5,15-bis(3-methoxyphenyl)-10,20-bis[(2E)-3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2-propen-1-yl]-(CA INDEX NAME)
 FS STEREOSEARCH
 MF C52 H56 B2 N4 O6

SR CA
LC STN Files: CA, CAPLUS, CASREACT

Double bond geometry as shown.

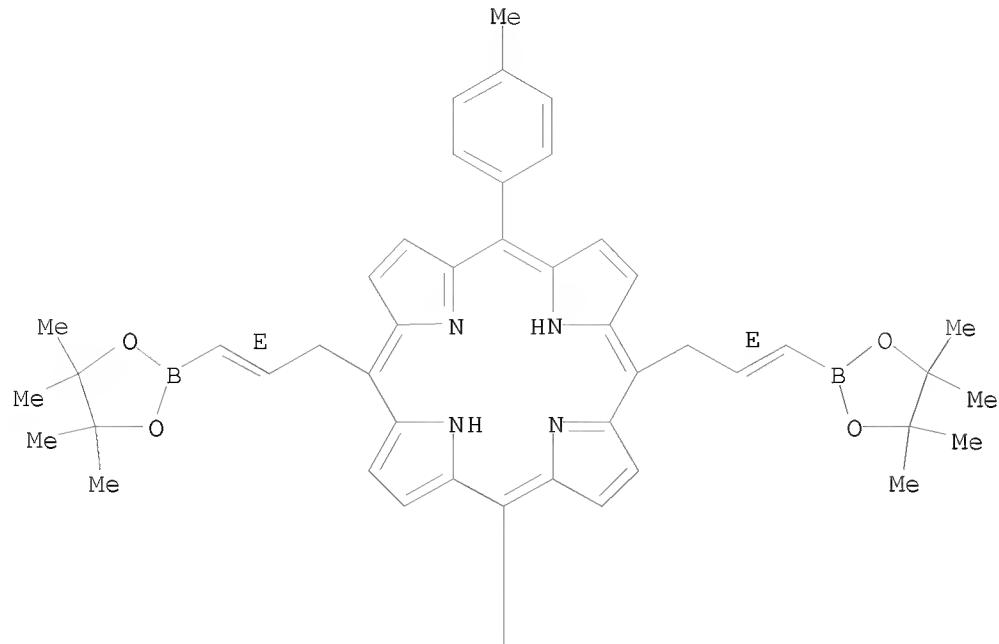


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 22 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1052717-77-7 REGISTRY
ED Entered STN: 25 Sep 2008
CN 21H,23H-Porphine, 5,15-bis(4-methylphenyl)-10,20-bis[(2E)-3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2-propen-1-yl]- (CA INDEX NAME)
FS STEREOSEARCH
MF C52 H56 B2 N4 O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Double bond geometry as shown.

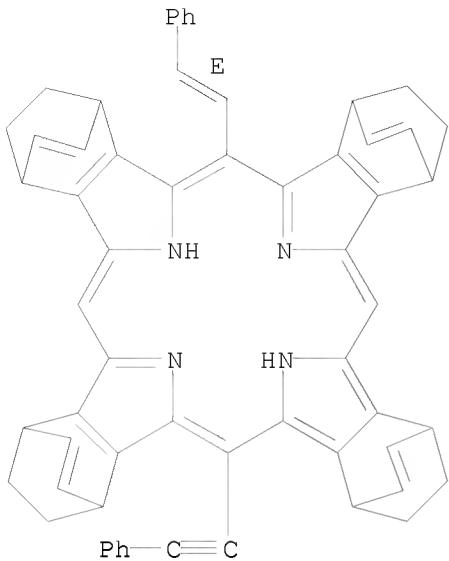


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 23 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1051366-00-7 REGISTRY
 ED Entered STN: 22 Sep 2008
 CN 1,4:8,11:15,18:22,25-Tetraethano-29H,31H-tetrabenzo[b,g,l,q]porphine,
 1,4,8,11,15,18,22,25-octahydro-6-[(1E)-2-phenylethynyl]-20-(2-
 phenylethynyl)- (CA INDEX NAME)
 FS STEREOSEARCH
 MF C60 H48 N4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

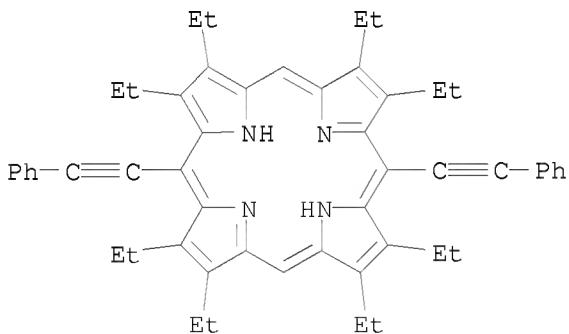
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 24 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1049811-47-3 REGISTRY
 ED Entered STN: 17 Sep 2008
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis(2-phenylethynyl)-
 (CA INDEX NAME)
 MF C52 H54 N4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



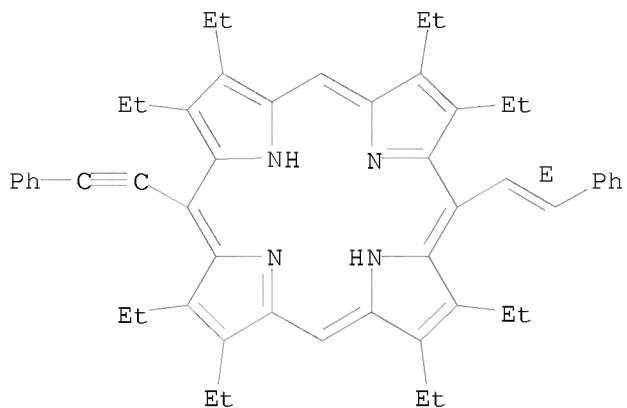
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 25 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1049811-44-0 REGISTRY
 ED Entered STN: 17 Sep 2008
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5-[(1E)-2-phenylethynyl]-

FS 15-(2-phenylethynyl)- (CA INDEX NAME)
STEREORESEARCH
MF C52 H56 N4
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Double bond geometry as shown.

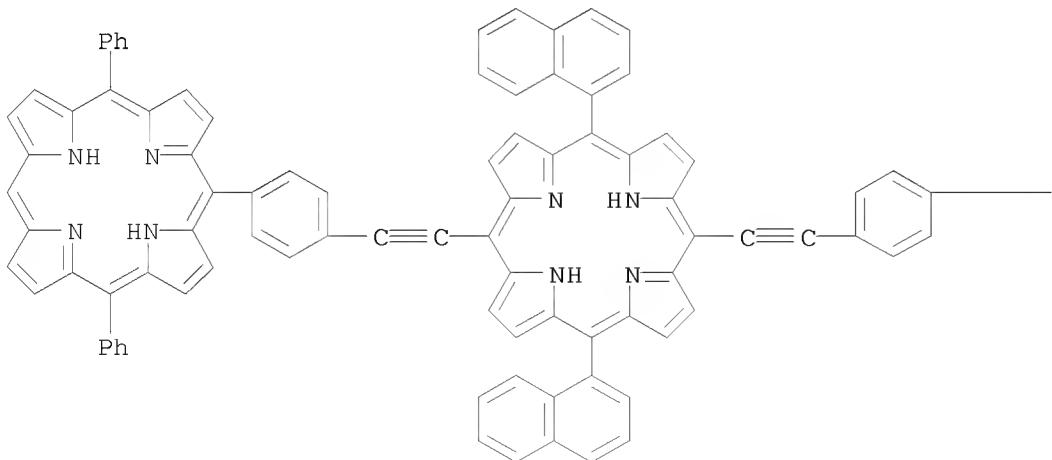


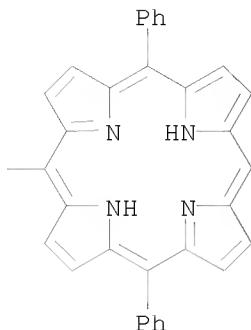
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 26 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1021870-62-1 REGISTRY
ED Entered STN: 22 May 2008
CN 21H,23H-Porphine, 5,15-bis[2-[4-(10,20-diphenyl-21H,23H-porphin-5-yl)phenyl]ethynyl]-10,20-di-1-naphthalenyl- (CA INDEX NAME)
MF C120 H74 N12
SR CA
LC STN Files: CA, CAPLUS, CASREACT

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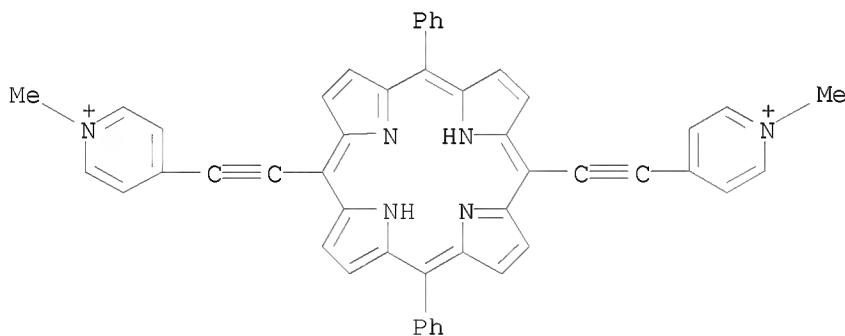
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 27 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1015164-10-9 REGISTRY
 ED Entered STN: 17 Apr 2008
 CN Pyridinium, 4,4'-(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl-, perchlorate (1:2) (CA INDEX NAME)
 MF C48 H34 N6 . 2 Cl O4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

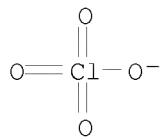
CM 1

CRN 1015164-09-6
 CMF C48 H34 N6



CM 2

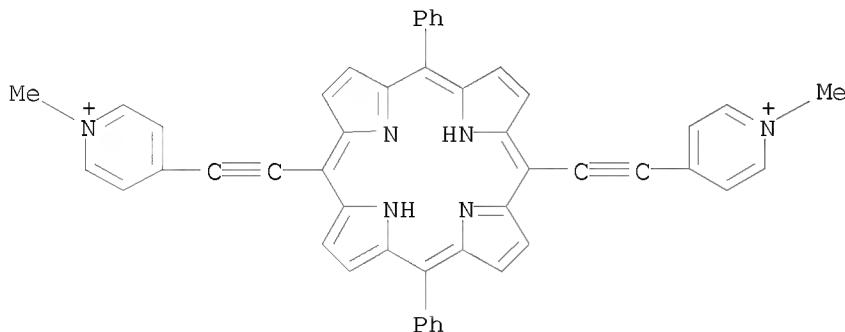
CRN 14797-73-0
 CMF Cl O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 28 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1015164-09-6 REGISTRY
 ED Entered STN: 17 Apr 2008
 CN Pyridinium, 4,4'-(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl- (CA INDEX NAME)
 MF C48 H34 N6
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

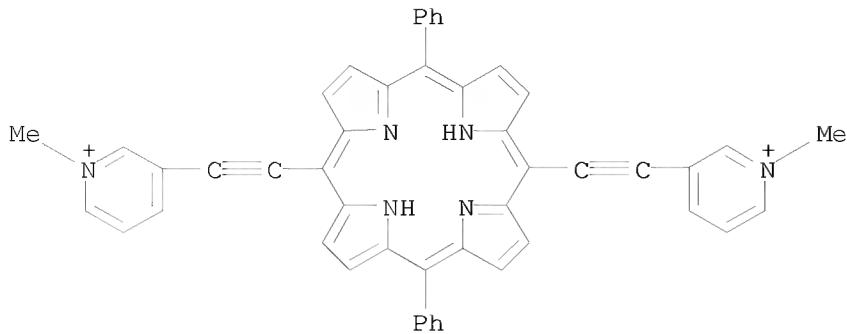


1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 29 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1015164-06-3 REGISTRY
 ED Entered STN: 17 Apr 2008
 CN Pyridinium, 3,3'-(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl-, perchlorate (1:2) (CA INDEX NAME)
 MF C48 H34 N6 . 2 Cl O4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

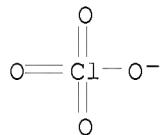
CM 1

CRN 1015164-05-2
 CMF C48 H34 N6



CM 2

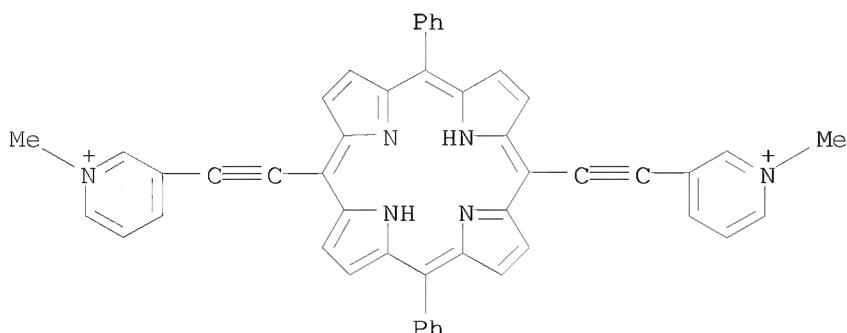
CRN 14797-73-0
CMF Cl 04



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 30 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1015164-05-2 REGISTRY
ED Entered STN: 17 Apr 2008
CN Pyridinium, 3,3'-(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl- (CA INDEX NAME)
MF C48 H34 N6
CI COM
SR CA

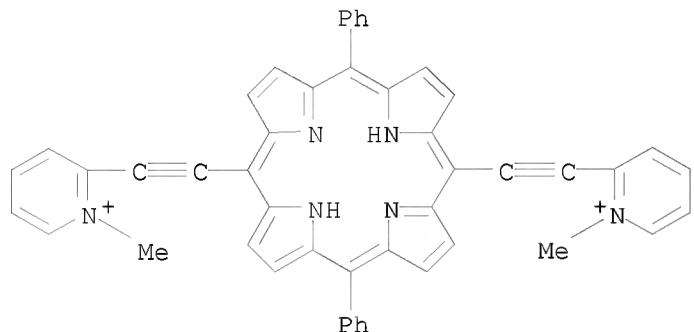


L14 ANSWER 31 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1015164-01-8 REGISTRY

ED Entered STN: 17 Apr 2008
CN Pyridinium, 2,2'-(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-
 ethynediyl]bis[1-methyl-, perchlorate (1:2) (CA INDEX NAME)
MF C48 H34 N6 . 2 Cl O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT

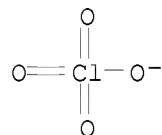
CM 1

CRN 1015164-00-7
CMF C48 H34 N6



CM 2

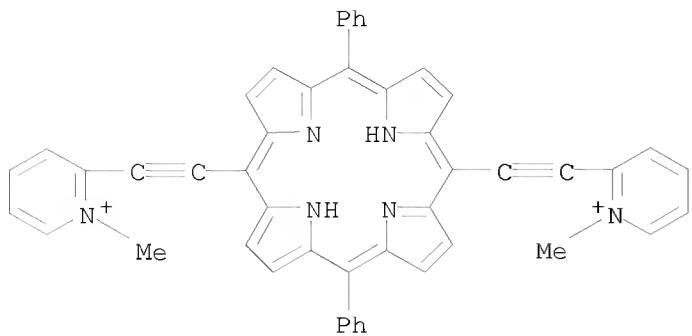
CRN 14797-73-0
CMF Cl O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

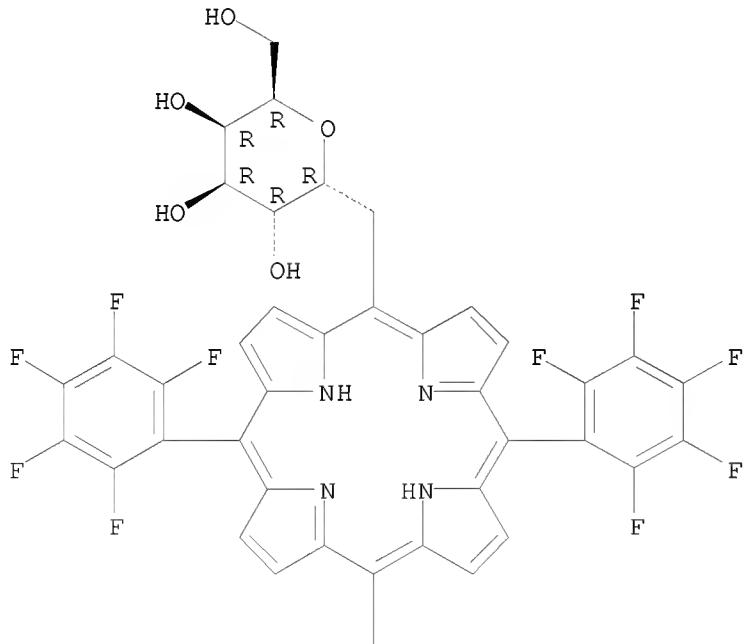
L14 ANSWER 32 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1015164-00-7 REGISTRY
ED Entered STN: 17 Apr 2008
CN Pyridinium, 2,2'-(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-
 ethynediyl]bis[1-methyl- (CA INDEX NAME)
MF C48 H34 N6
CI COM
SR CA

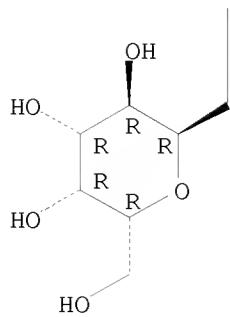


L14 ANSWER 33 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 935861-06-6 REGISTRY
 ED Entered STN: 25 May 2007
 CN D-glycero-L-galacto-Heptitol, 7,7'-[10,20-bis(2,3,4,5,6-pentafluorophenyl)-21H,23H-porphine-5,15-diyl]bis[2,6-anhydro-7-deoxy- (CA INDEX NAME)
 FS STEREOSEARCH
 MF C46 H36 F10 N4 O10
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

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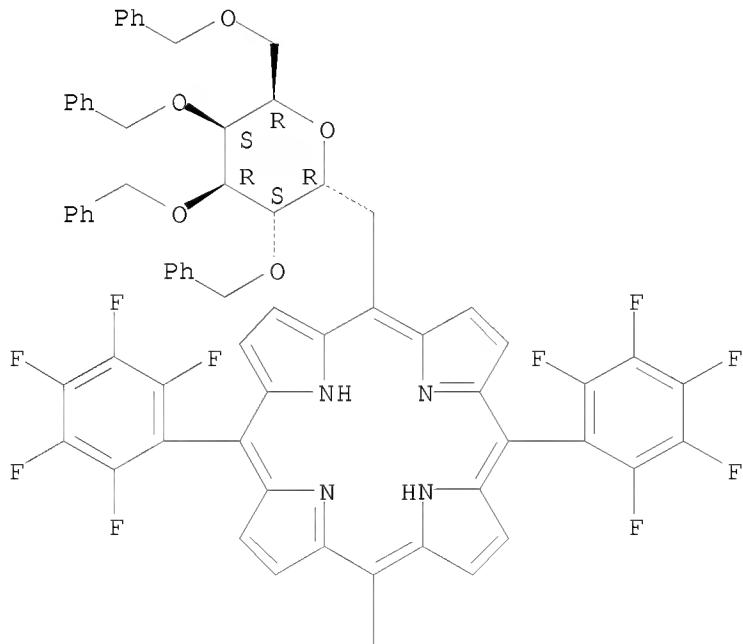


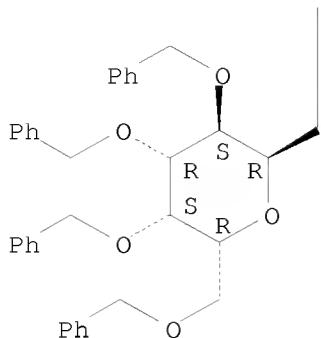
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 34 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 935861-05-5 REGISTRY
 ED Entered STN: 25 May 2007
 CN D-glycero-L-galacto-Heptitol, 7,7'-[10,20-bis(2,3,4,5,6-pentafluorophenyl)-21H,23H-porphine-5,15-diyl]bis[2,6-anhydro-7-deoxy-1,3,4,5-tetrakis-O-(phenylmethyl)- (CA INDEX NAME)
 FS STEREOSEARCH
 MF C102 H84 F10 N4 O10
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (-).



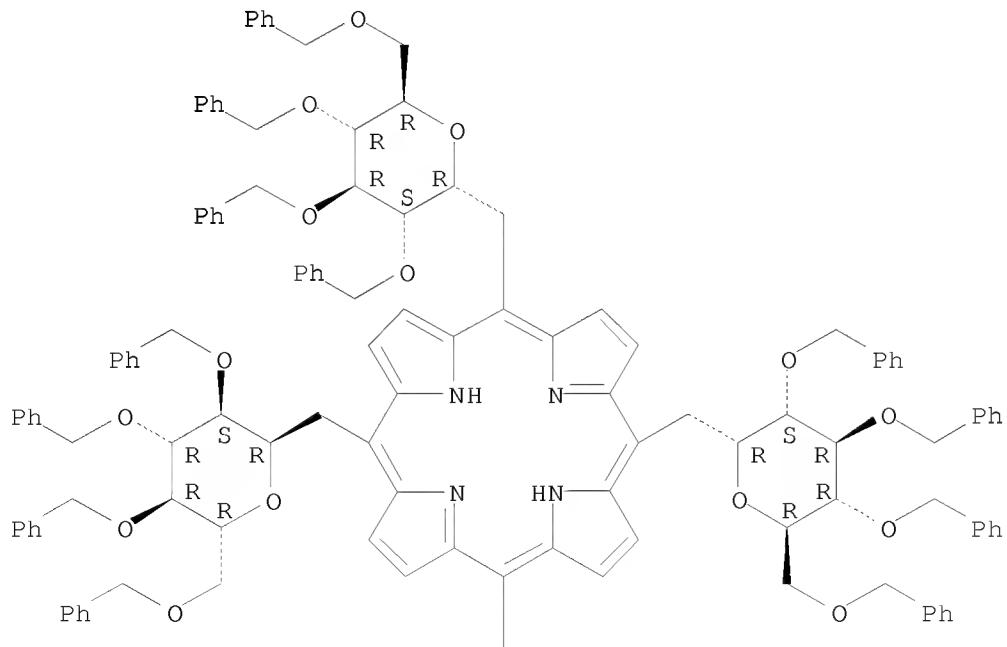


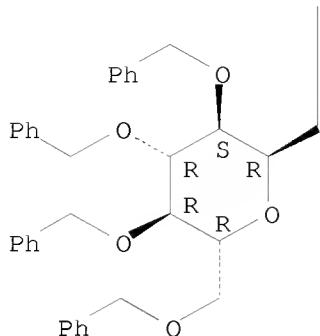
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 35 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 935861-02-2 REGISTRY
 ED Entered STN: 25 May 2007
 CN D-glycero-L-gulo-Heptitol, 7,7',7'',7'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetraakis[2,6-anhydro-7-deoxy-1,3,4,5-tetrakis-O-(phenylmethyl)-(CA INDEX NAME)
 FS STEREOSEARCH
 MF C160 H158 N4 O20
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (+).



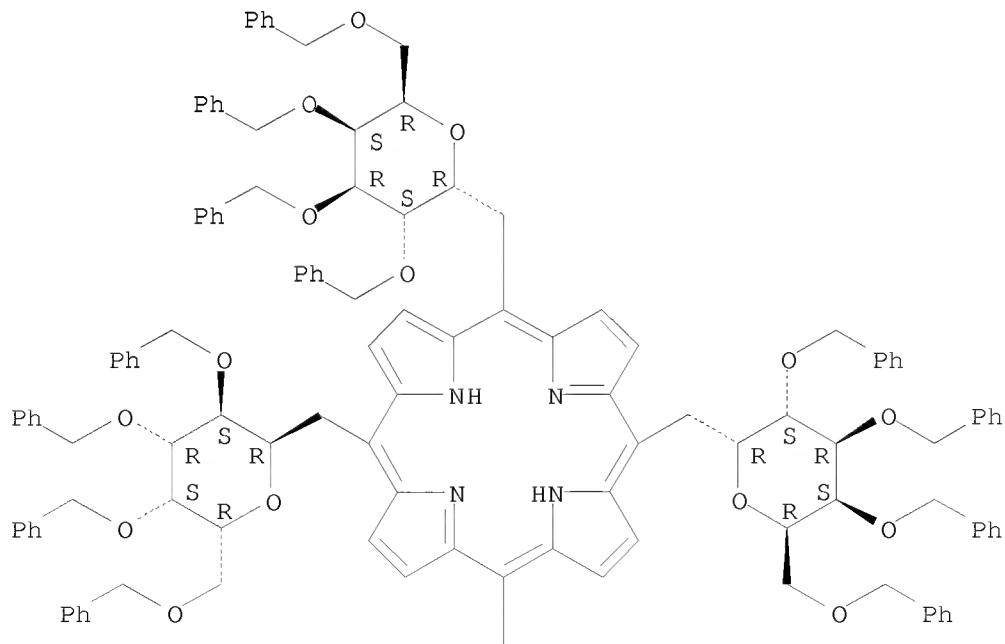


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

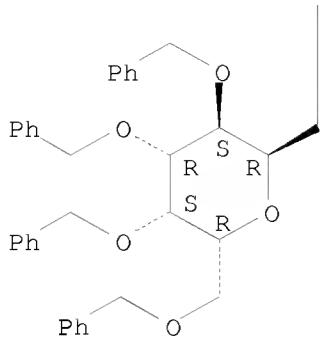
2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 36 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 935861-01-1 REGISTRY
 ED Entered STN: 25 May 2007
 CN D-glycero-L-galacto-Heptitol, 7,7',7'',7'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetrakis[2,6-anhydro-7-deoxy-1,3,4,5-tetrakis-O-(phenylmethyl)-(CA INDEX NAME)
 FS STEREOSEARCH
 MF C160 H158 N4 O20
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (+).



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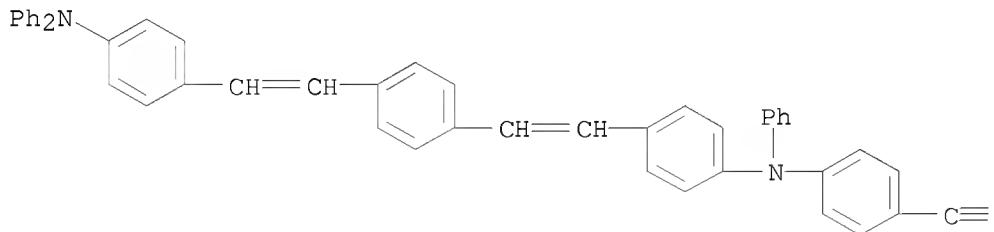


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

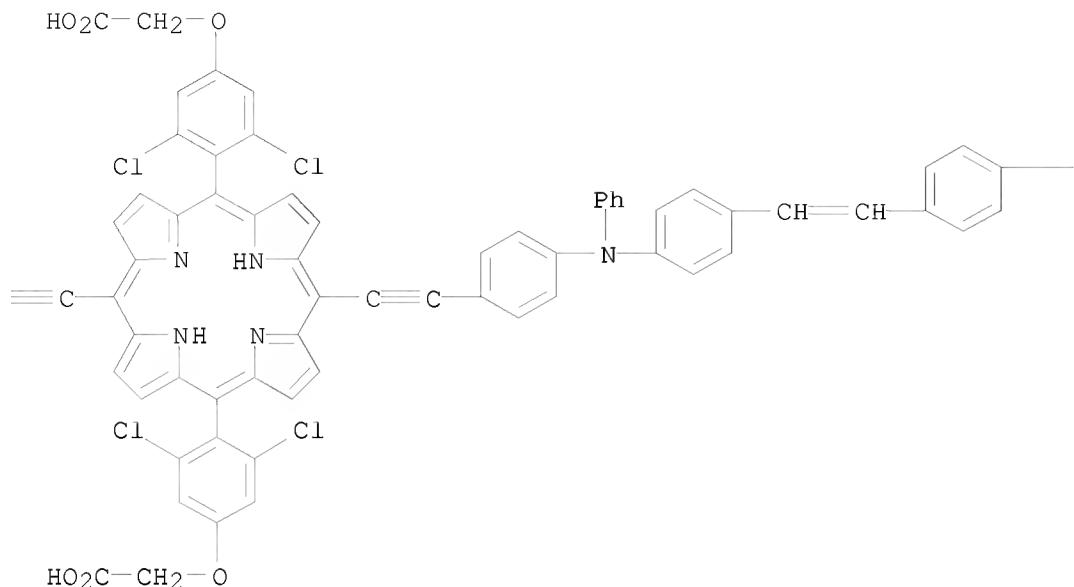
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 37 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929880-35-3 REGISTRY
ED Entered STN: 13 Apr 2007
CN Acetic acid, 2,2'-[{10,20-bis[2-[4-[4-[2-[4-[2-[4-
(diphenylamino)phenyl]ethenyl]phenyl]ethenyl]phenyl]phenylamino]phenyl]eth-
ynyl]-21H,23H-porphine-5,15-diy1]bis[(3,5-dichloro-4,1-phenylene)oxy]]bis-
(CA INDEX NAME)
OTHER NAMES:
CN MPA 79
MF C132 H90 Cl4 N8 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

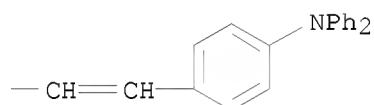
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PAGE 1-C

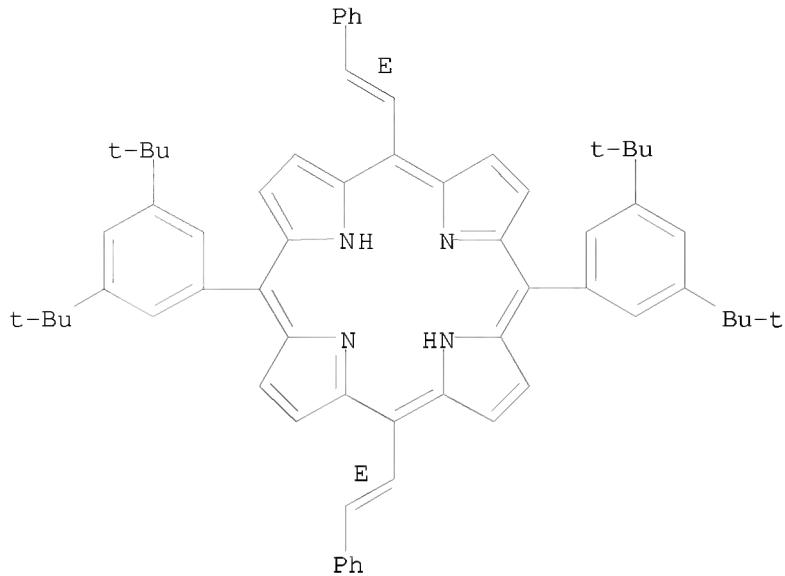


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 38 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 883148-82-1 REGISTRY
ED Entered STN: 07 May 2006
CN 21H,23H-Porphine, 5,15-bis[3,5-bis(1,1-dimethylethyl)phenyl]-10,20-
bis[(1E)-2-phenylethenyl]- (CA INDEX NAME)
FS STEREOSEARCH
MF C64 H66 N4
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Double bond geometry as shown.

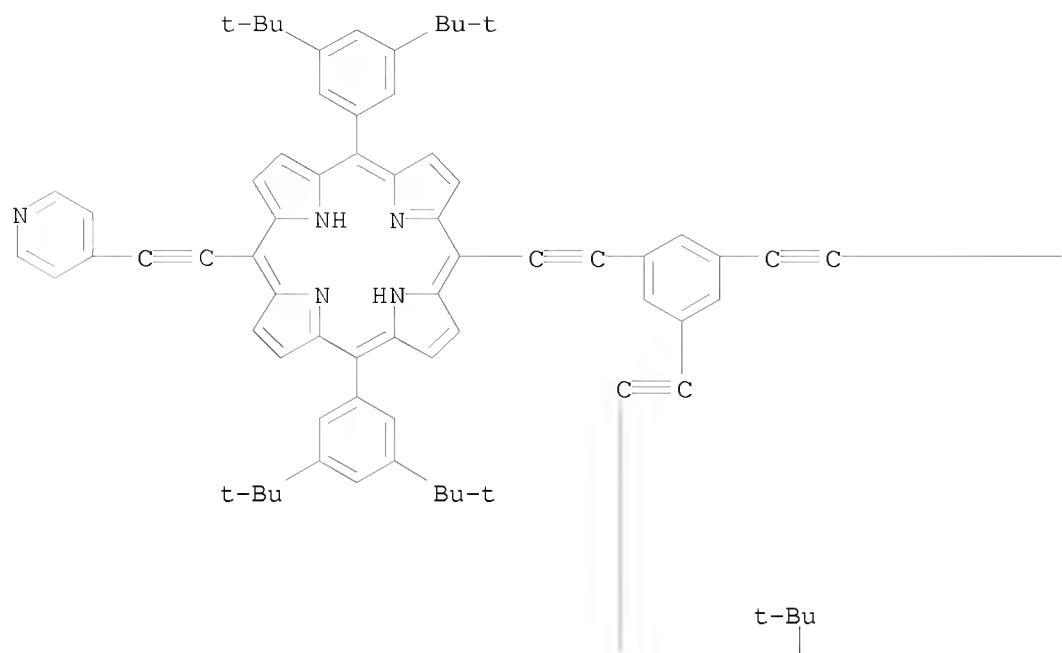


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

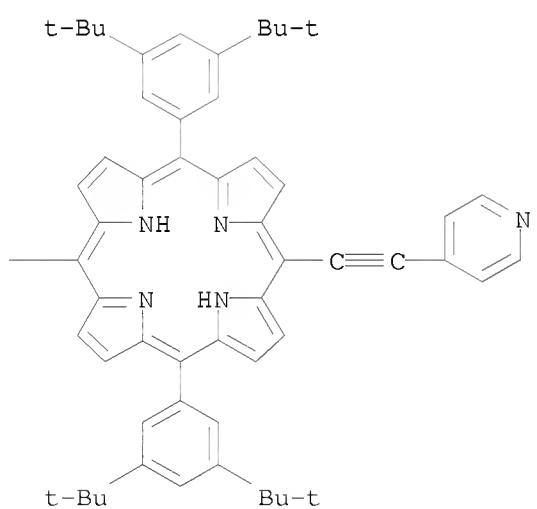
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

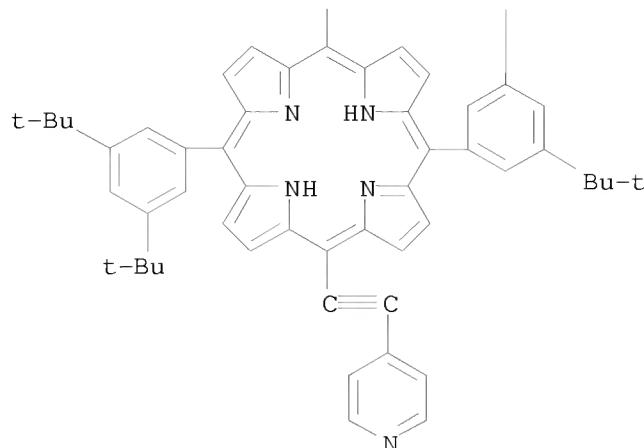
L14 ANSWER 39 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 882878-24-2 REGISTRY
ED Entered STN: 04 May 2006
CN 21H,23H-Porphine, 5,5',5'''-(1,3,5-benzenetriyltri-2,1-ethynediyl)tris[10,20-bis[3,5-bis(1,1-dimethylethyl)phenyl]-15-(4-pyridinylethynyl)- (9CI) (CA INDEX NAME)
MF C177 H171 N15
SR CA
LC STN Files: CA, CAPLUS, CASREACT

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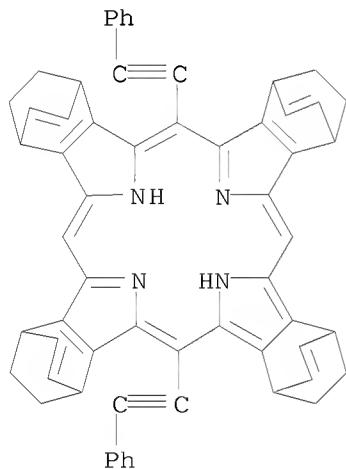




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 40 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 877940-51-7 REGISTRY
 ED Entered STN: 24 Mar 2006
 CN 1,4:8,11:15,18:22,25-Tetraethano-29H,31H-tetrabenzol[b,g,l,q]porphine,
 1,4,8,11,15,18,22,25-octahydro-6,18-bis(phenylethynyl)- (CA INDEX NAME)
 MF C60 H46 N4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



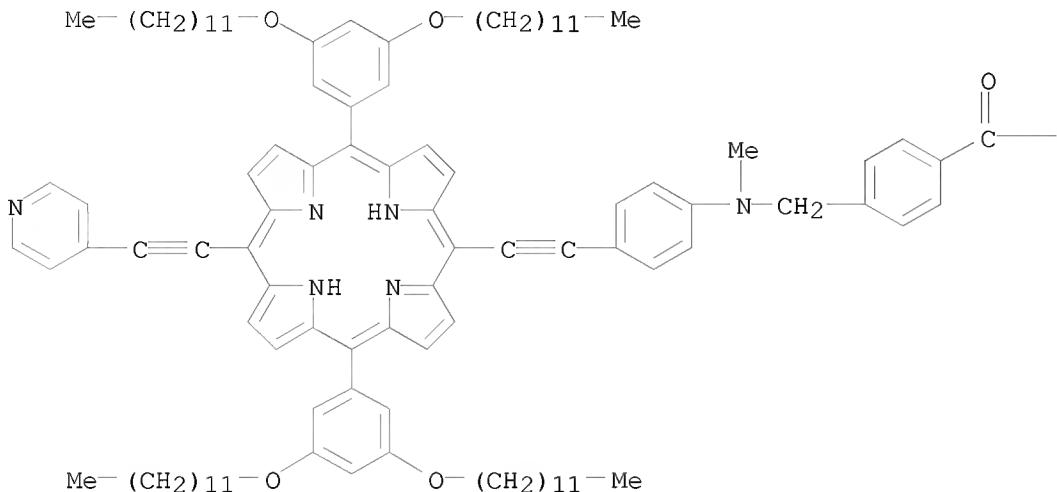
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 41 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 872687-53-1 REGISTRY
 ED Entered STN: 26 Jan 2006
 CN Benzoic acid, 4-[[4-[[10,20-bis[3,5-bis(dodecyloxy)phenyl]-15-(4-pyridinylethynyl)-21H,23H-porphin-5-yl]ethynyl]phenyl]methylamino]methyl-, methyl ester (9CI) (CA INDEX NAME)
 MF C105 H136 N6 O6
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

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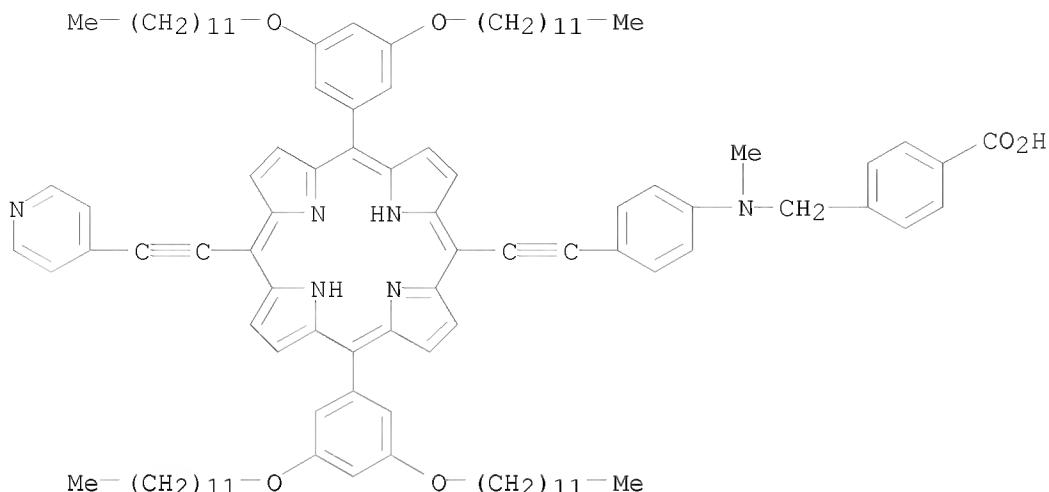
PAGE 1-B

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 42 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 872687-46-2 REGISTRY
 ED Entered STN: 26 Jan 2006
 CN Benzoic acid, 4-[[4-[[10,20-bis[3,5-bis(dodecyloxy)phenyl]-15-(4-pyridinylethynyl)-21H,23H-porphin-5-yl]ethynyl]phenyl]methylamino]methyl-, methyl ester (9CI) (CA INDEX NAME)
 MF C104 H134 N6 O6
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



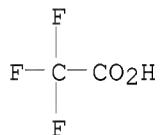
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 43 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 860471-75-6 REGISTRY
 ED Entered STN: 16 Aug 2005
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(phenylethynyl)-, trifluoroacetate, compd. with dichloromethane (9CI) (CA INDEX NAME)
 MF C52 H30 N4 . x C2 H F3 O2 . 2 C2 H F3 O2 . x C H2 Cl2
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 76-05-1
 CMF C2 H F3 O2



CM 2

CRN 75-09-2
 CMF C H2 C12

C1-CH₂-Cl

CM 3

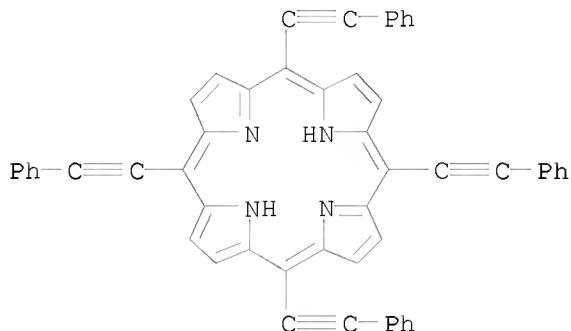
CRN 860471-74-5

CMF C52 H30 N4 . 2 C2 H F3 O2

CM 4

CRN 142646-71-7

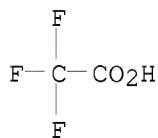
CMF C52 H30 N4



CM 5

CRN 76-05-1

CMF C2 H F3 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 44 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 860471-74-5 REGISTRY

ED Entered STN: 16 Aug 2005

CN 21H,23H-Porphine, 5,10,15,20-tetrakis(phenylethynyl)-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

MF C52 H30 N4 . 2 C2 H F3 O2

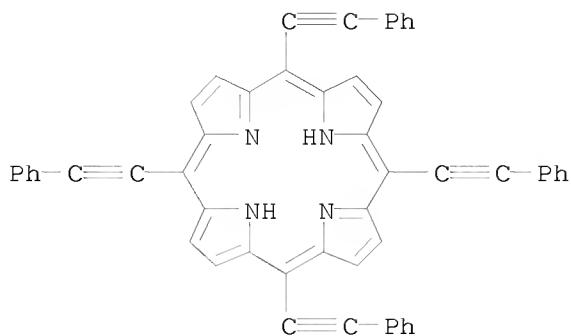
CI COM

SR CA

CM 1

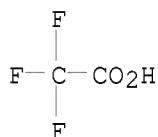
CRN 142646-71-7

CMF C52 H30 N4



CM 2

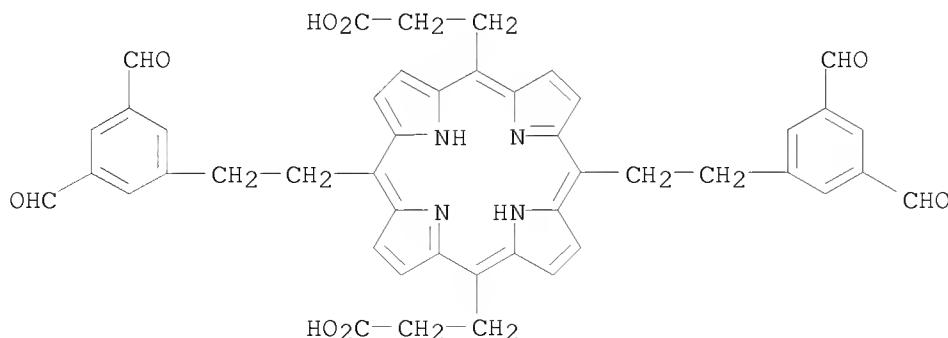
CRN 76-05-1
 CMF C2 H F3 O2



L14 ANSWER 45 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 854278-51-6 REGISTRY
 ED Entered STN: 08 Jul 2005
 CN 21H,23H-Porphine-5,15-dipropionic acid,
 10,20-bis[2-(3,5-diformylphenyl)ethyl]-, polymer with 1-pyrenamine (9CI)
 (CA INDEX NAME)
 MF (C46 H38 N4 O8 . C16 H11 N)x
 CI PMS
 PCT Amino resin, Polyamine
 SR CA
 LC STN Files: CA, CAPLUS

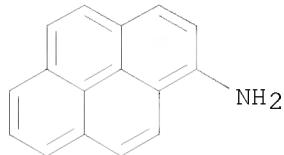
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CRN 848601-26-3
 CMF C46 H38 N4 O8



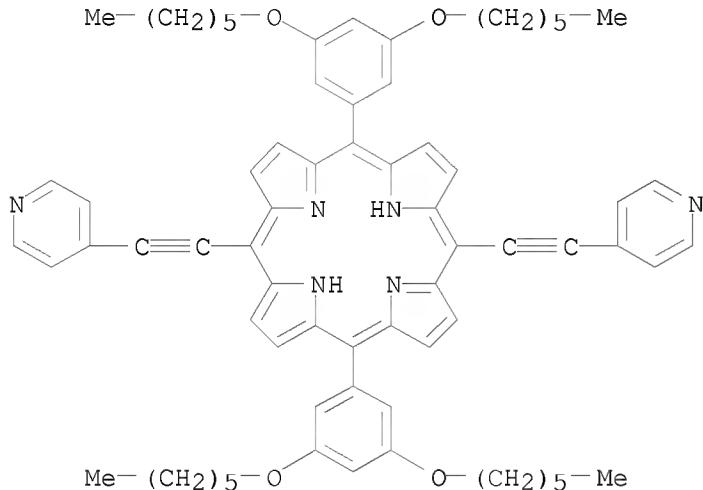
CM 2

CRN 1606-67-3
CMF C16 H11 N



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 46 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 849459-67-2 REGISTRY
ED Entered STN: 28 Apr 2005
CN 21H,23H-Porphine, 5,15-bis[3,5-bis(hexyloxy)phenyl]-10,20-bis(4-pyridinylethynyl)- (9CI) (CA INDEX NAME)
MF C70 H76 N6 O4
SR CA
LC STN Files: CA, CAPLUS

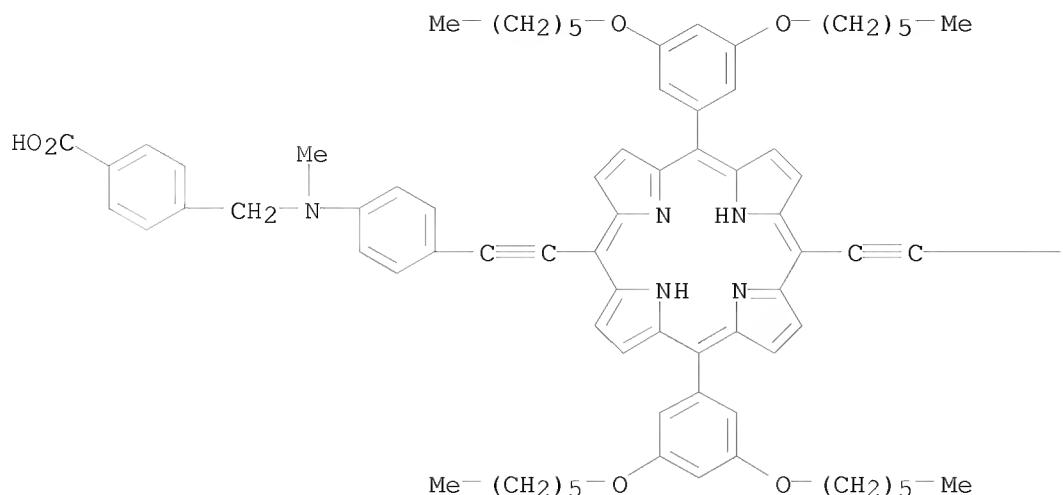


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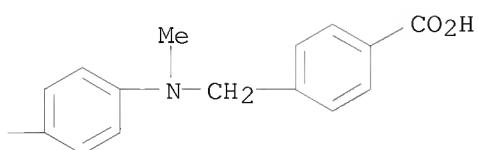
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 47 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 849459-66-1 REGISTRY
ED Entered STN: 28 Apr 2005
CN Benzoic acid, 4,4'-[{10,20-bis[3,5-bis(hexyloxy)phenyl]-21H,23H-porphine-5,15-diy1}bis[2,1-ethynediyl-4,1-phenylene(methylimino)methylene]}bis- (9CI) (CA INDEX NAME)
MF C90 H96 N6 O8
SR CA
LC STN Files: CA, CAPLUS

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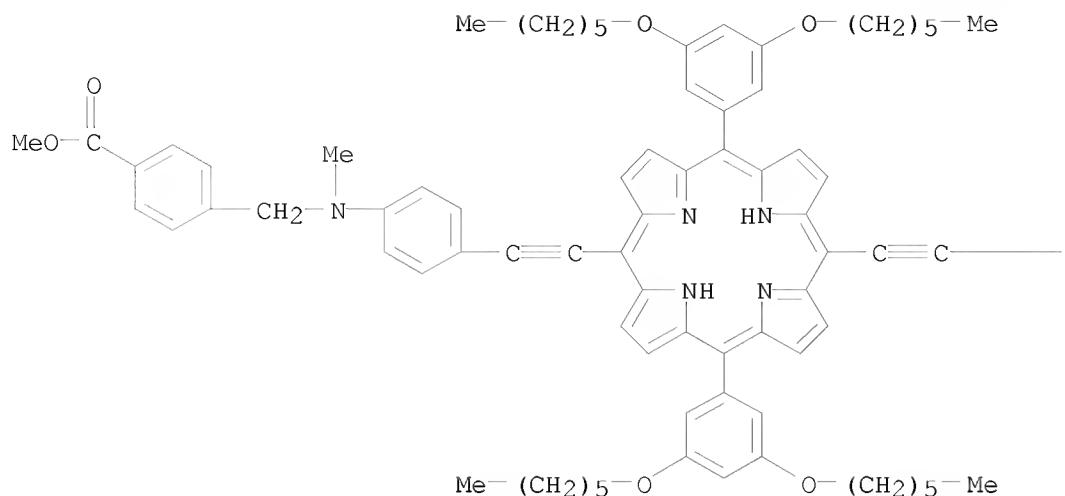


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

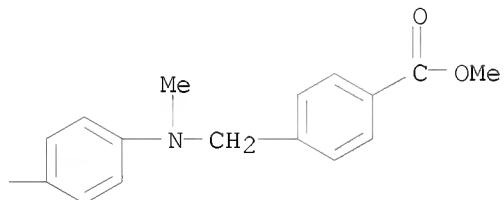
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 48 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 849459-65-0 REGISTRY
ED Entered STN: 28 Apr 2005
CN Benzoic acid, 4,4'-[{10,20-bis[3,5-bis(hexyloxy)phenyl]-21H,23H-porphine-
5,15-diyl]bis[2,1-ethynediyl-4,1-phenylene(methylimino)methylene]}bis-,
dimethyl ester (9CI) (CA INDEX NAME)
MF C92 H100 N6 O8
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



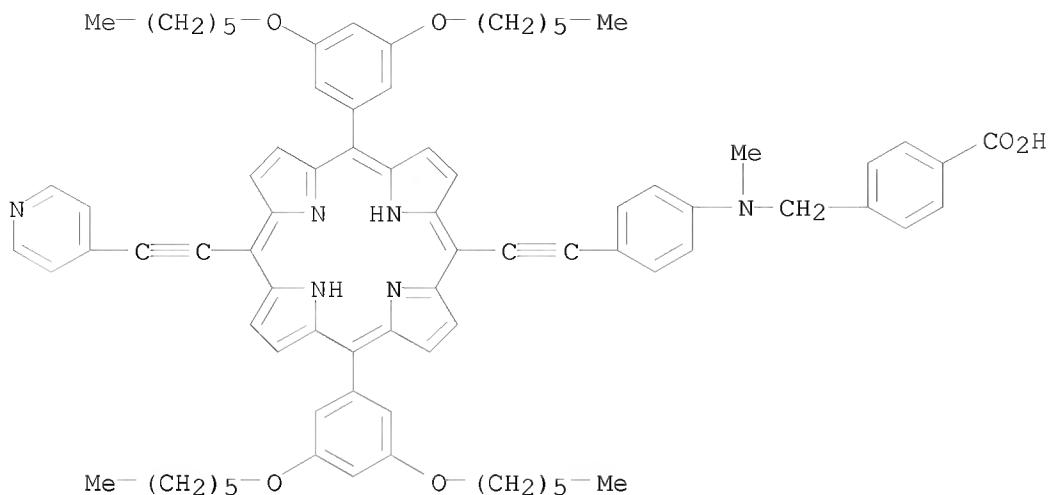
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 49 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 849459-64-9 REGISTRY
ED Entered STN: 28 Apr 2005
CN Benzoic acid, 4-[[4-[[10,20-bis[3,5-bis(hexyloxy)phenyl]-15-(4-pyridinylethynyl)-21H,23H-porphin-5-yl]ethynyl]phenyl]methylamino]methyl]- (9CI) (CA INDEX NAME)
MF C80 H86 N6 O6
SR CA
LC STN Files: CA, CAPLUS

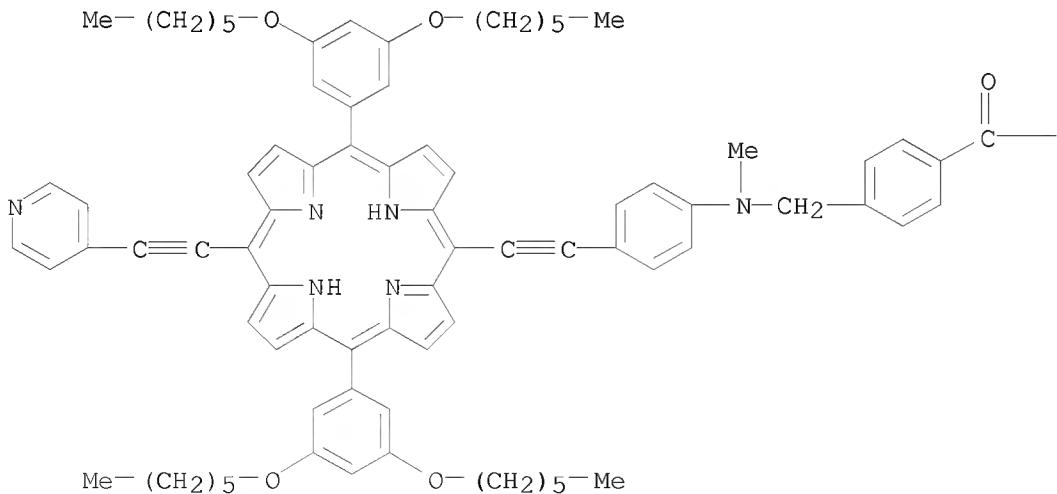


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 50 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 849459-63-8 REGISTRY
 ED Entered STN: 28 Apr 2005
 CN Benzoic acid, 4-[[[4-[[10,20-bis[3,5-bis(hexyloxy)phenyl]-15-(4-pyridinylethynyl)-21H,23H-porphin-5-yl]ethynyl]phenyl]methylamino]methyl]-, methyl ester (9CI) (CA INDEX NAME)
 MF C81 H88 N6 O6
 SR CA
 LC STN Files: CA, CAPLUS

PAGE 1-A



— OMe

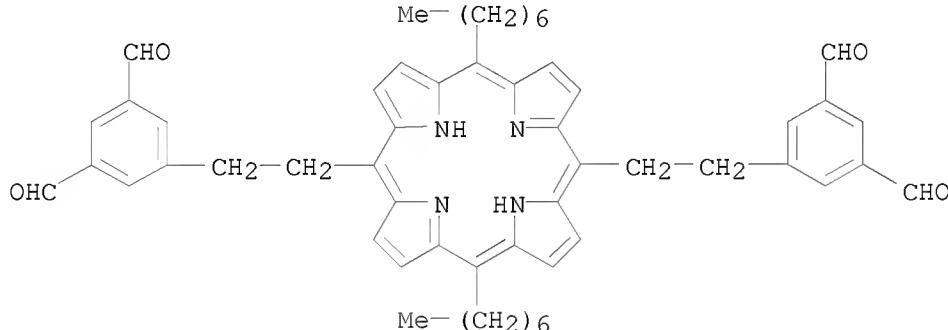
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 51 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 848601-38-7 REGISTRY
 ED Entered STN: 15 Apr 2005
 CN 1,3-Benzenedicarboxaldehyde, 5,5'-[(10,20-diheptyl-21H,23H-porphine-5,15-diyi)di-2,1-ethanediyl]bis-, polymer with 1,8-pyrenediamine (9CI) (CA INDEX NAME)
 MF (C54 H58 N4 O4 . C16 H12 N2)x
 CI PMS
 PCT Polyamine, Polyazomethine, Polyazomethine formed
 SR CA
 LC STN Files: CA, CAPLUS

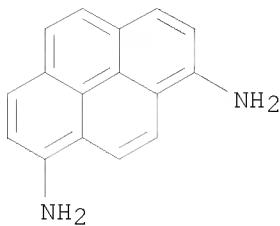
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CRN 848601-32-1
 CMF C54 H58 N4 O4



CM 2

CRN 30269-04-6
 CMF C16 H12 N2

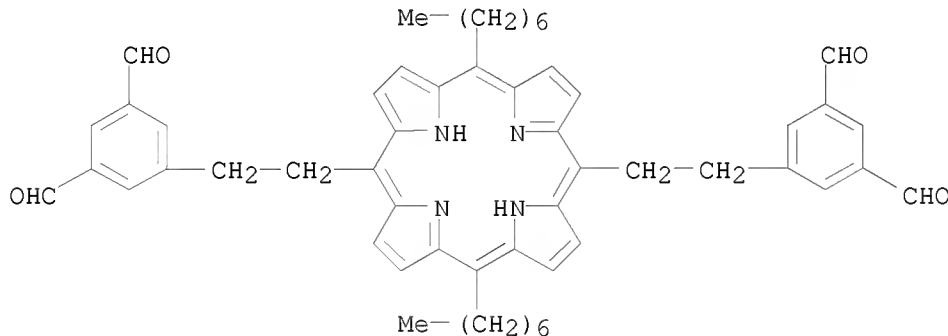


1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 52 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 848601-37-6 REGISTRY
 ED Entered STN: 15 Apr 2005
 CN 1,3-Benzenedicarboxaldehyde, 5,5'-[(10,20-diheptyl-21H,23H-porphine-5,15-diyl)di-2,1-ethanediyl]bis-, polymer with 1,6-pyrenediamine (9CI) (CA INDEX NAME)
 MF (C54 H58 N4 O4 . C16 H12 N2)x
 CI PMS
 PCT Polyamine, Polyazomethine, Polyazomethine formed
 SR CA
 LC STN Files: CA, CAPLUS

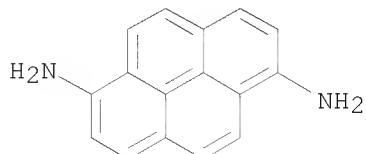
CM 1

CRN 848601-32-1
 CMF C54 H58 N4 O4



CM 2

CRN 14923-84-3
 CMF C16 H12 N2



1 REFERENCES IN FILE CA (1907 TO DATE)

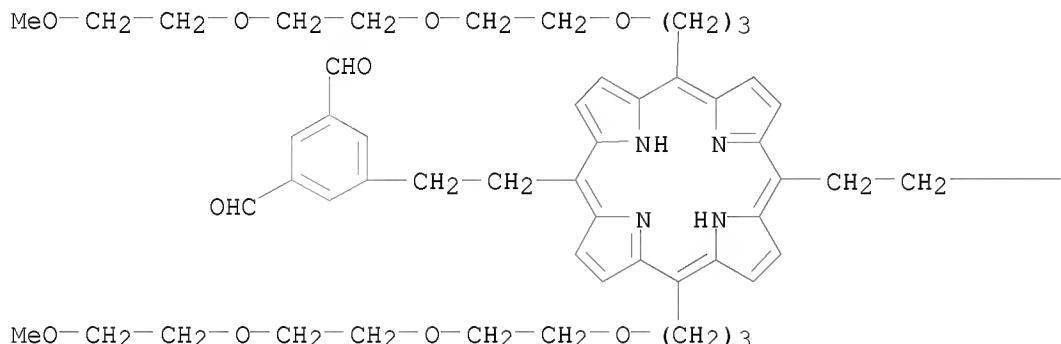
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 53 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 848601-36-5 REGISTRY
 ED Entered STN: 15 Apr 2005
 CN 1,3-Benzenedicarboxaldehyde, 5,5'-[{10,20-bis(4,7,10,13-tetraoxatetradec-1-yl)-21H,23H-porphine-5,15-diy1]di-2,1-ethanediyl]bis-, polymer with 1,8-pyrenediamine (9CI) (CA INDEX NAME)
 MF (C₆₀ H₇₀ N₄ O₁₂ . C₁₆ H₁₂ N₂)_x
 CI PMS
 PCT Polyamine, Polyazomethine, Polyazomethine formed
 SR CA
 LC STN Files: CA, CAPLUS

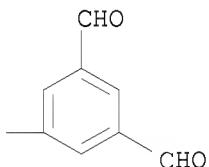
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CRN 848601-31-0
 CMF C₆₀ H₇₀ N₄ O₁₂

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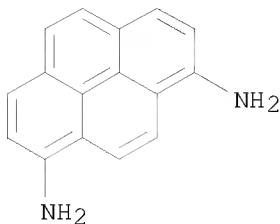


PAGE 1-B



CM 2

CRN 30269-04-6
 CMF C₁₆ H₁₂ N₂



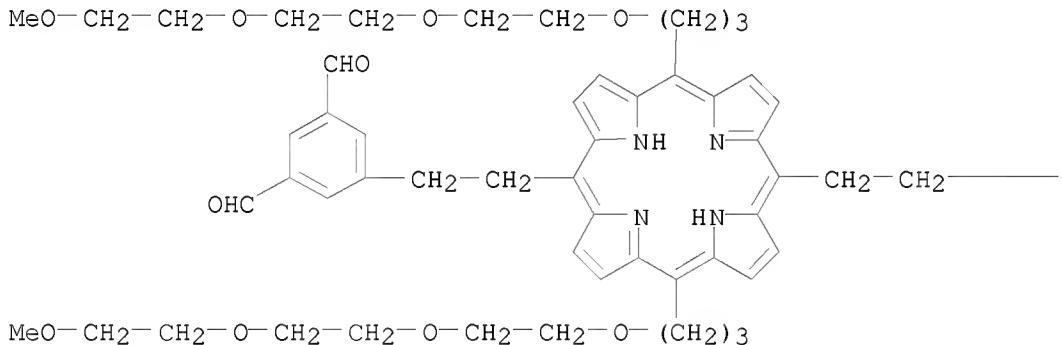
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 54 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 848601-35-4 REGISTRY
ED Entered STN: 15 Apr 2005
CN 1,3-Benzenedicarboxaldehyde, 5,5'-(10,20-bis(4,7,10,13-tetraoxatetradec-1-yl)-21H,23H-porphine-5,15-diyl)di-2,1-ethanediyl]bis-, polymer with 1,6-pyrenediamine (9CI) (CA INDEX NAME)
MF (C₆₀ H₇₀ N₄ O₁₂ . C₁₆ H₁₂ N₂)_x
CI PMS
PCT Polyamine, Polyazomethine, Polyazomethine formed
SR CA
LC STN Files: CA, CAPLUS

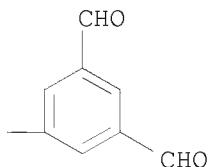
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CRN 848601-31-0
CMF C60 H70 N4 O12

PAGE 1-A

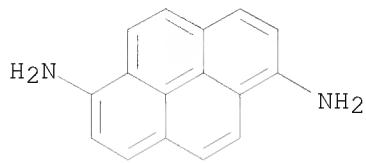


PAGE 1-B



CM 2

CRN 14923-84-3
CMF C16 H12 N2



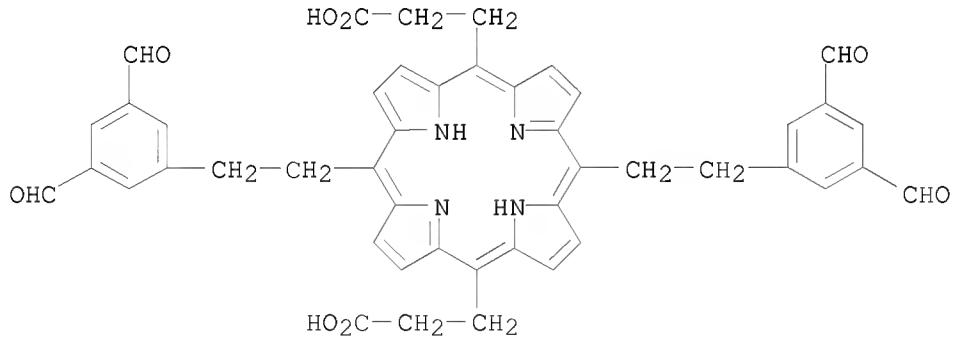
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 55 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 848601-34-3 REGISTRY
ED Entered STN: 15 Apr 2005
CN 21H,23H-Porphine-5,15-dipropionic acid,
10,20-bis[2-(3,5-diformylphenyl)ethyl]-, polymer with 1,8-pyrenediamine
(9CI) (CA INDEX NAME)
MF (C46 H38 N4 O8 . C16 H12 N2)x
CI PMS
PCT Polyamide, Polyamide formed, Polyamine
SR CA
LC STN Files: CA, CAPLUS

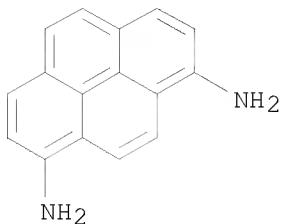
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CRN 848601-26-3
CMF C46 H38 N4 O8



CM 2

CRN 30269-04-6
CMF C16 H12 N2

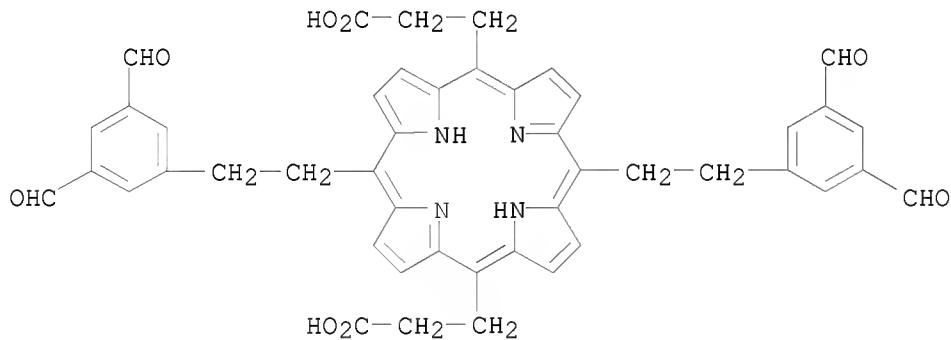


2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 56 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 848601-33-2 REGISTRY
ED Entered STN: 15 Apr 2005
CN 21H,23H-Porphine-5,15-dipropanoic acid,
10,20-bis[2-(3,5-diformylphenyl)ethyl]-, polymer with 1,6-pyrenediamine
(9CI) (CA INDEX NAME)
MF (C46 H38 N4 O8 . C16 H12 N2)x
CI PMS
PCT Polyamide, Polyamide formed, Polyamine
SR CA
LC STN Files: CA, CAPLUS

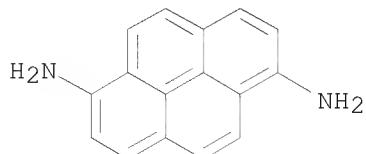
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CRN 848601-26-3
CMF C46 H38 N4 08



CM 2

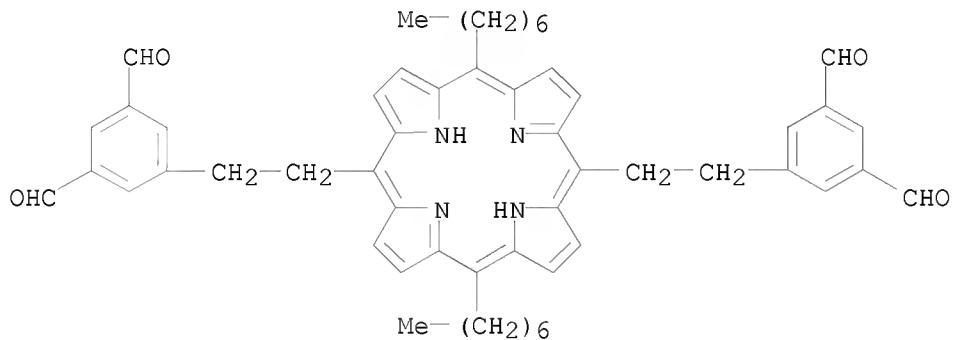
CRN 14923-84-3
CMF C16 H12 N2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 57 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 848601-32-1 REGISTRY
ED Entered STN: 15 Apr 2005
CN 1,3-Benzenedicarboxaldehyde, 5,5'-(10,20-diheptyl-21H,23H-porphine-5,15-diyl)di-2,1-ethanediyl]bis- (9CI) (CA INDEX NAME)
MF C54 H58 N4 O4
CI COM
SR CA
LC STN Files: CA, CAPLUS

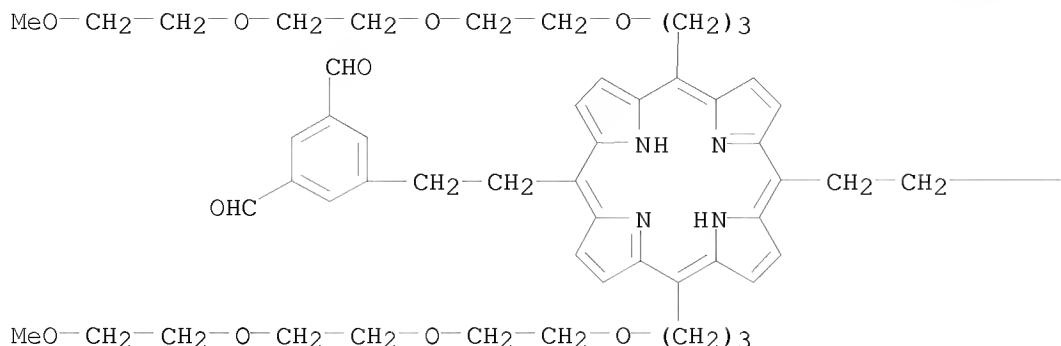


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

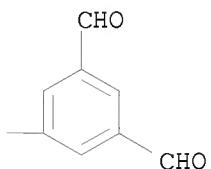
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 58 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 848601-31-0 REGISTRY
ED Entered STN: 15 Apr 2005
CN 1,3-Benzenedicarboxaldehyde, 5,5'-(10,20-bis(4,7,10,13-tetraoxatetradec-1-yl)-21H,23H-porphine-5,15-diyl)di-2,1-ethanediyl]bis- (9CI) (CA INDEX NAME)
MF C60 H70 N4 O12
CI COM
SR CA
LC STN Files: CA, CAPLUS

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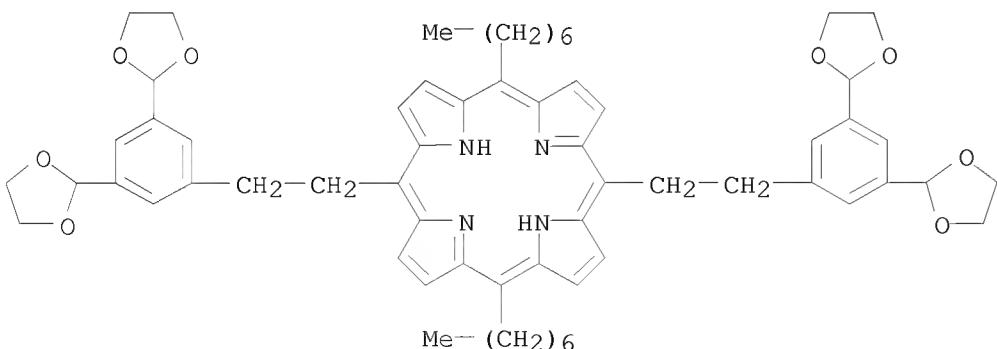
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 59 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 848601-30-9 REGISTRY
ED Entered STN: 15 Apr 2005
CN 21H,23H-Porphine, 5,15-bis[2-[3,5-bis(1,3-dioxolan-2-yl)phenyl]ethyl]-10,20-diheptyl- (9CI) (CA INDEX NAME)
MF C62 H74 N4 O8
SR CA
LC STN Files: CA, CAPLUS



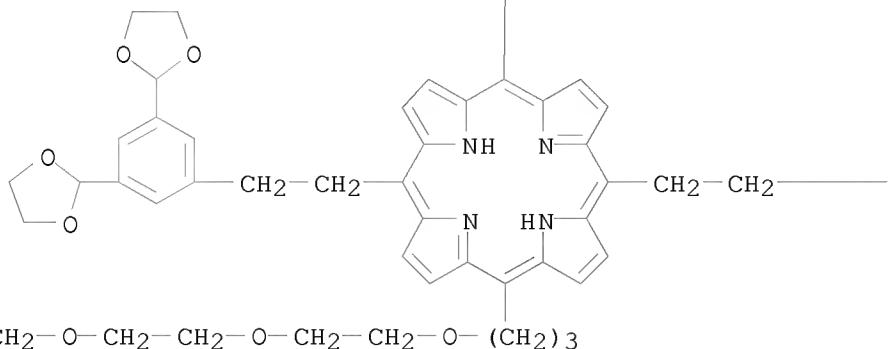
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 60 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 848601-29-6 REGISTRY
ED Entered STN: 15 Apr 2005
CN 21H,23H-Porphine, 5,15-bis[2-[3,5-bis(1,3-dioxolan-2-yl)phenyl]ethyl]-10,20-bis(4,7,10,13-tetraoxatetradec-1-yl)- (9CI) (CA INDEX NAME)
MF C68 H86 N4 O16
SR CA
LC STN Files: CA, CAPLUS

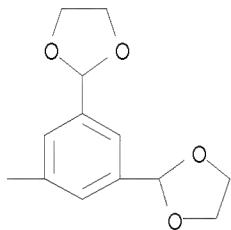
PAGE 1-A

MeO—CH₂—CH₂—O—CH₂—CH₂—O—CH₂—CH₂—O—(CH₂)₃



MeO—CH₂—CH₂—O—CH₂—CH₂—O—CH₂—CH₂—O—(CH₂)₃

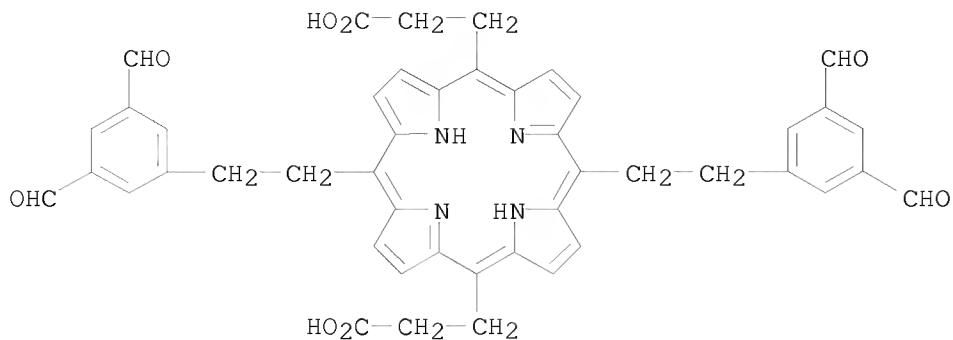
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

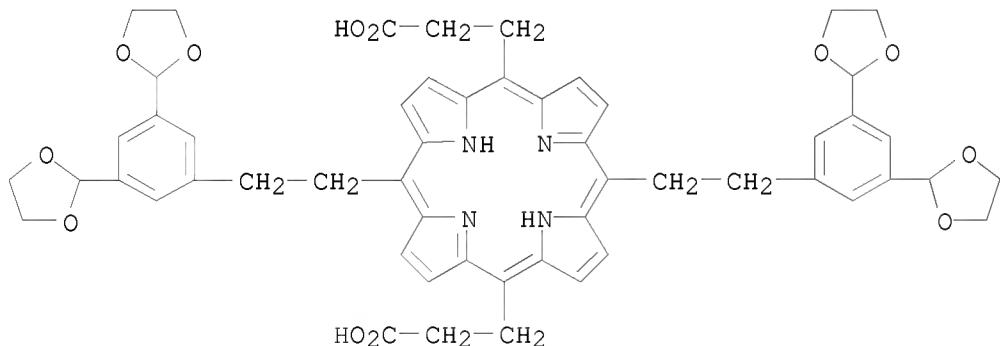
L14 ANSWER 61 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 848601-26-3 REGISTRY
ED Entered STN: 15 Apr 2005
CN 21H,23H-Porphine-5,15-dipropanoic acid,
10,20-bis[2-(3,5-diformylphenyl)ethyl]- (CA INDEX NAME)
MF C46 H38 N4 O8
CI COM
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

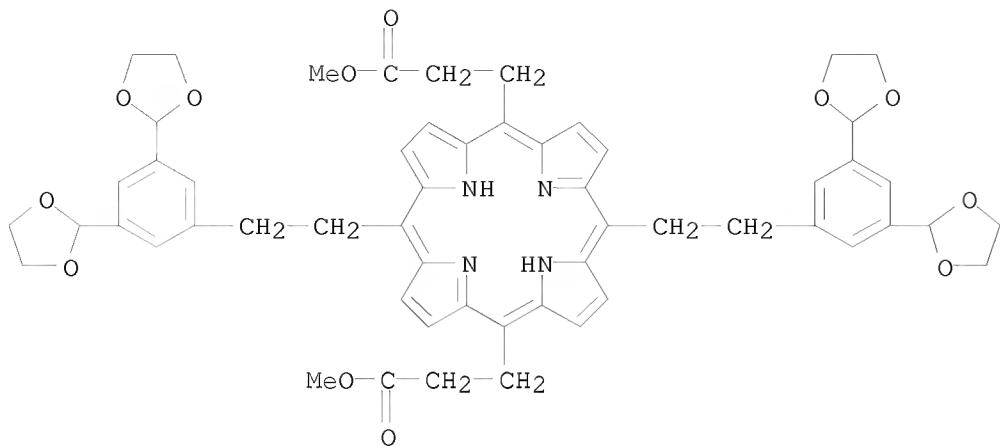
L14 ANSWER 62 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 848601-24-1 REGISTRY
 ED Entered STN: 15 Apr 2005
 CN 21H,23H-Porphine-5,15-dipropionic acid,
 10,20-bis[2-[3,5-bis(1,3-dioxolan-2-yl)phenyl]ethyl]- (9CI) (CA INDEX
 NAME)
 MF C54 H54 N4 O12
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

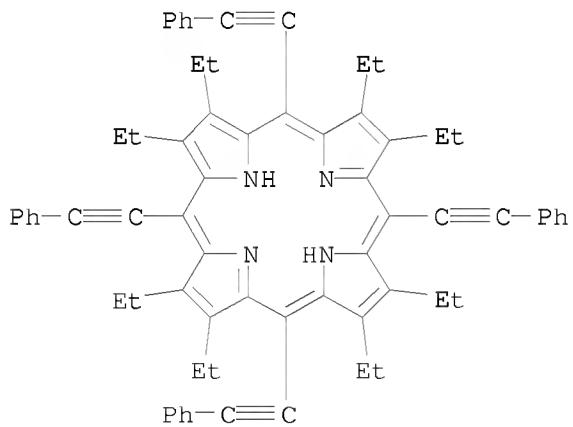
L14 ANSWER 63 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 848601-23-0 REGISTRY
 ED Entered STN: 15 Apr 2005
 CN 21H,23H-Porphine-5,15-dipropionic acid,
 10,20-bis[2-[3,5-bis(1,3-dioxolan-2-yl)phenyl]ethyl]-, dimethyl ester
 (9CI) (CA INDEX NAME)
 MF C56 H58 N4 O12
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 64 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 825634-89-7 REGISTRY
 ED Entered STN: 04 Feb 2005
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,10,15,20-tetrakis(phenylethynyl)- (9CI) (CA INDEX NAME)
 MF C68 H62 N4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 65 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 825634-88-6 REGISTRY
 ED Entered STN: 04 Feb 2005
 CN 29H,31H-Tetrabenzo[b,g,l,q]porphine, 6,13,20,27-tetrakis(phenylethynyl)-

(9CI) (CA INDEX NAME)

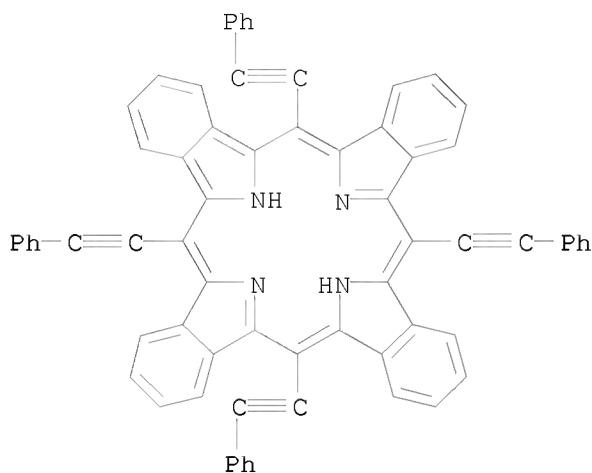
OTHER NAMES:

CN 5,10,15,20-Tetrakis(phenylethynyl)benzoporphyrin

MF C68 H38 N4

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 66 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 825634-87-5 REGISTRY

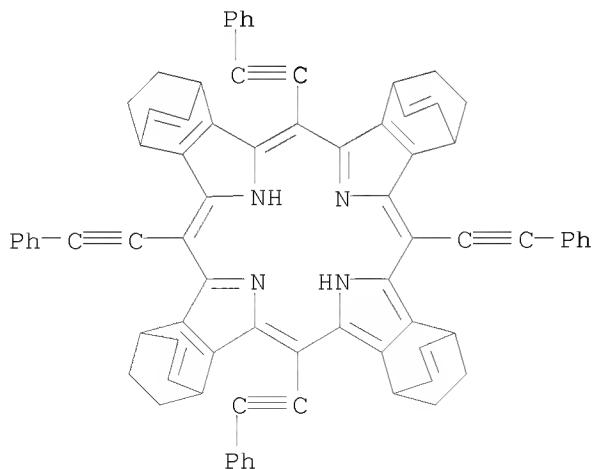
ED Entered STN: 04 Feb 2005

CN 1,4:8,11:15,18:22,25-Tetraethano-29H,31H-tetrabenzo[b,g,l,q]porphine,
1,4,8,11,15,18,22,25-octahydro-6,13,20,27-tetrakis(phenylethynyl)- (9CI)
(CA INDEX NAME)

MF C76 H54 N4

SR CA

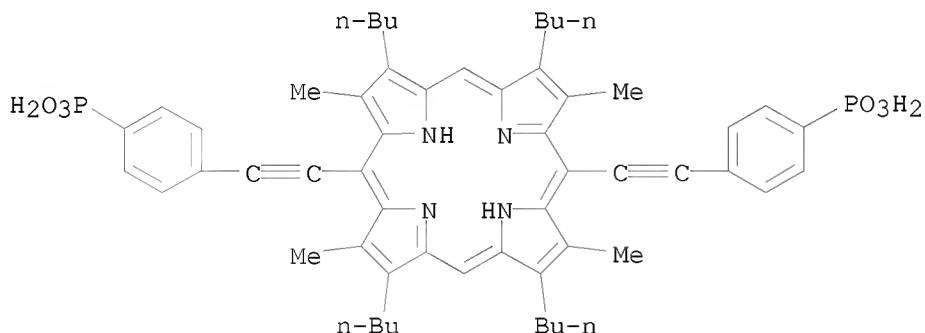
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

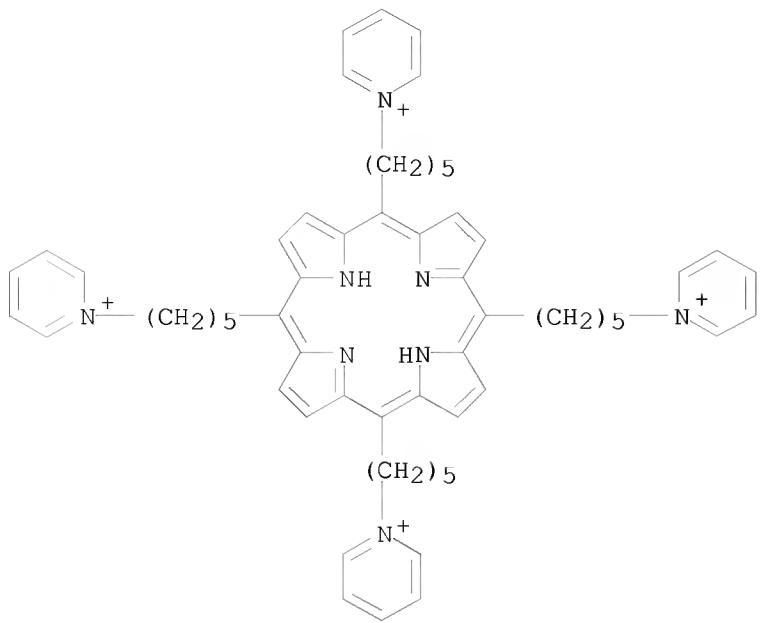
L14 ANSWER 67 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 815601-44-6 REGISTRY
ED Entered STN: 18 Jan 2005
CN Phosphonic acid, [(2,8,12,18-tetrabutyl-3,7,13,17-tetramethyl-21H,23H-porphine-5,15-diy1)bis(2,1-ethynediyl-4,1-phenylene)]bis- (9CI) (CA INDEX NAME)
MF C56 H64 N4 O6 P2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

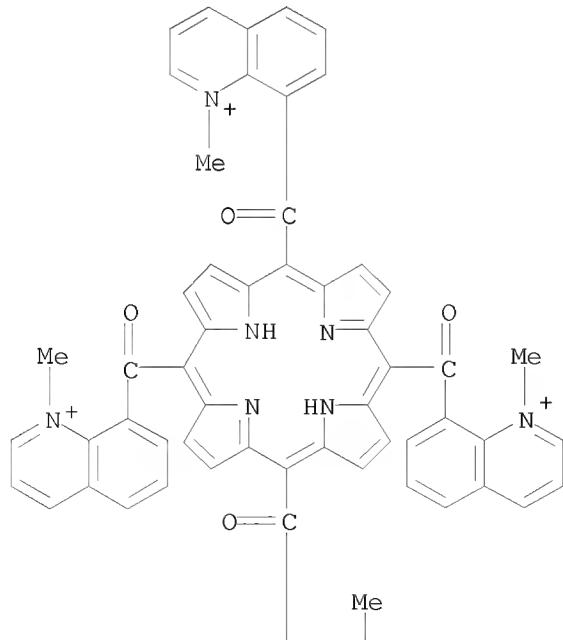
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

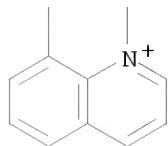
L14 ANSWER 68 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 782438-46-4 REGISTRY
ED Entered STN: 16 Nov 2004
CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-5,1-pentanediyl)tetra- (9CI) (CA INDEX NAME)
MF C60 H70 N8
CI COM
SR CA



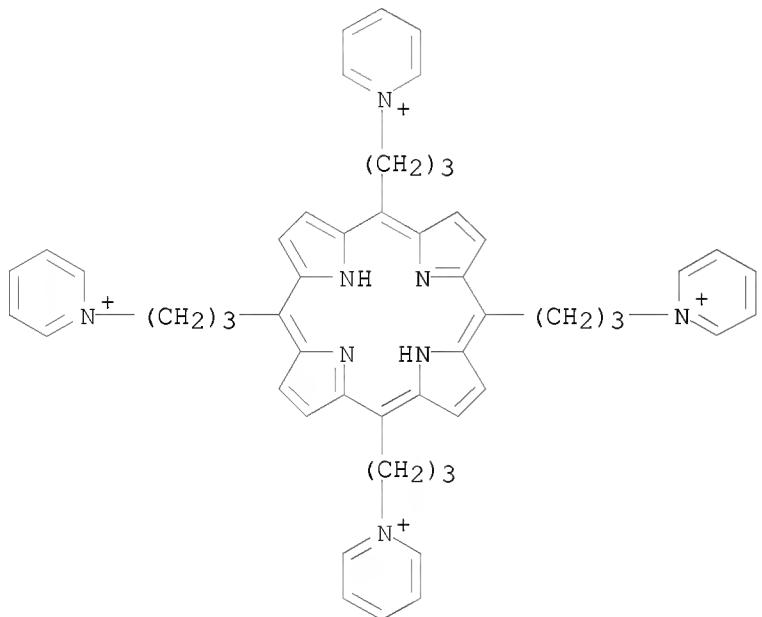
L14 ANSWER 69 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 773050-21-8 REGISTRY
 ED Entered STN: 01 Nov 2004
 CN Quinolinium, 8,8',8'',8'''-(21H,23H-porphine-5,10,15,20-tetrayltetracarbonyl)tetrakis[1-methyl- (9CI) (CA INDEX NAME)
 MF C64 H46 N8 O4
 CI COM
 SR CA

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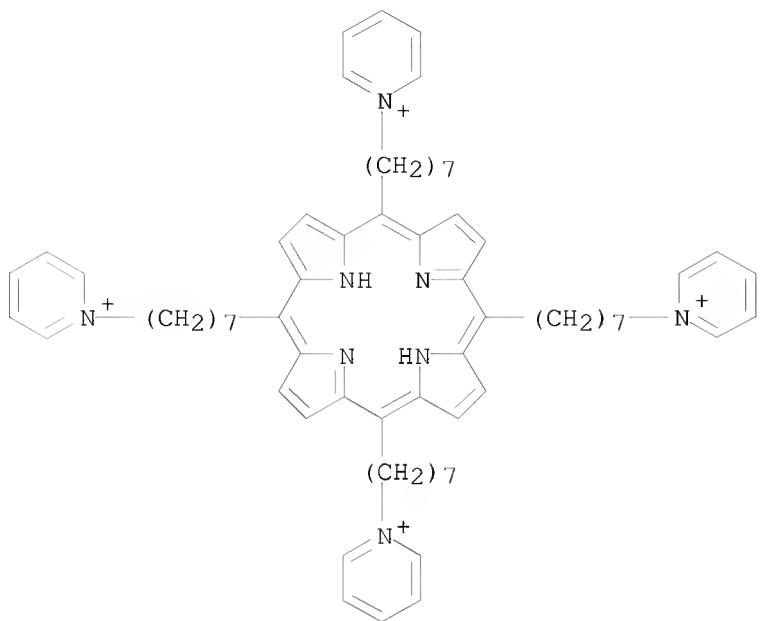




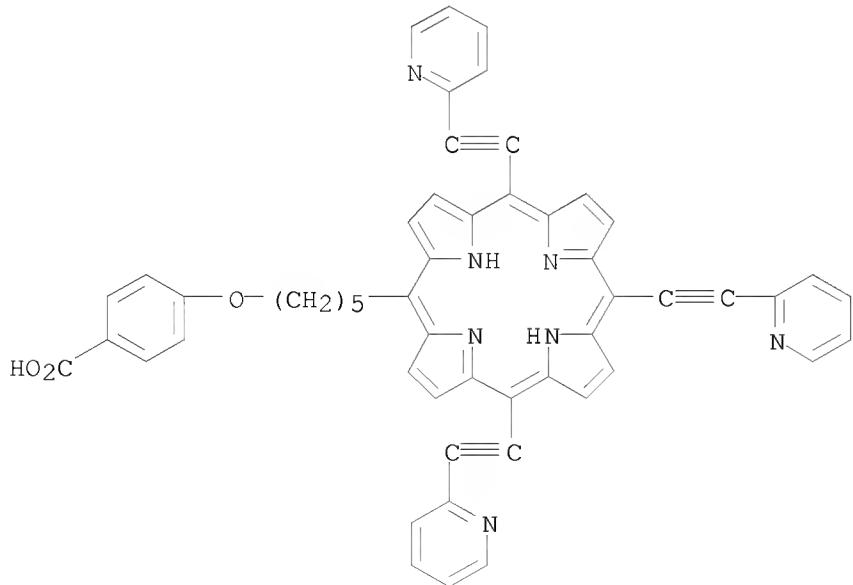
L14 ANSWER 70 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 749196-97-2 REGISTRY
 ED Entered STN: 22 Sep 2004
 CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-3,1-propanediyl)tetraakis- (9CI) (CA INDEX NAME)
 MF C52 H54 N8
 CI COM
 SR CA



L14 ANSWER 71 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 735254-91-8 REGISTRY
 ED Entered STN: 29 Aug 2004
 CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-7,1-heptanediyl)tetraakis- (9CI) (CA INDEX NAME)
 MF C68 H86 N8
 CI COM
 SR CA



L14 ANSWER 72 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 694520-03-1 REGISTRY
 ED Entered STN: 17 Jun 2004
 CN Benzoic acid, 4-[[5-[10,15,20-tris(2-pyridinylethynyl)-21H,23H-porphin-5-yl]pentyl]oxy]- (9CI) (CA INDEX NAME)
 MF C53 H37 N7 O3
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

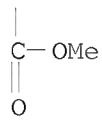
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 73 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 694489-45-7 REGISTRY
ED Entered STN: 17 Jun 2004
CN Poly[15,20-bis[4-(methoxycarbonyl)phenyl]-21H,23H-porphine-5,10-diyl]-1,2-ethynediyl(2,2',3,3'-tetrahydro[5,5'-bithieno[3,4-b]-1,4-dioxin]-7,7'-diyl)-1,2-ethynediyl (9CI) (CA INDEX NAME)
MF (C₅₂ H₃₂ N₄ O₈ S₂)_n
CI PMS
PCT Polyamine
SR CA
LC STN Files: CA, CAPLUS

RELATED POLYMERS AVAILABLE WITH POLYLINK

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

PAGE 2-A



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 74 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 692779-18-3 REGISTRY
ED Entered STN: 14 Jun 2004
CN Benzoic acid, 4,4'-[10,20-bis[(2,3-dihydrothieno[3,4-b]-1,4-dioxin-5-yl)ethynyl]-21H,23H-porphine-5,15-diyl]bis-, dimethyl ester, homopolymer (9CI) (CA INDEX NAME)

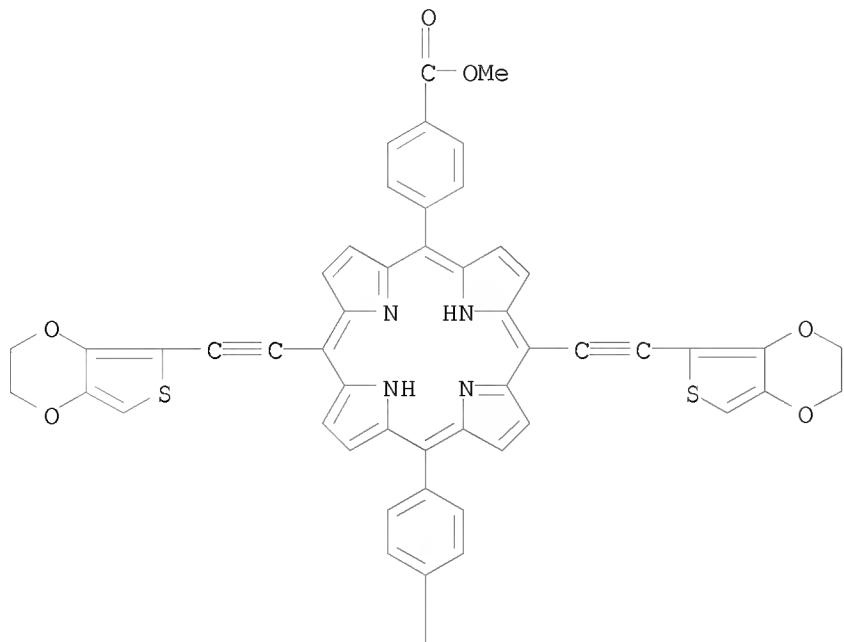
MF (C52 H34 N4 O8 S2)x
CI PMS
PCT Polyacetylene
SR CA
LC STN Files: CA, CAPLUS

RELATED POLYMERS AVAILABLE WITH POLYLINK

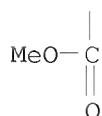
CM 1

CRN 692779-15-0
CMF C52 H34 N4 O8 S2

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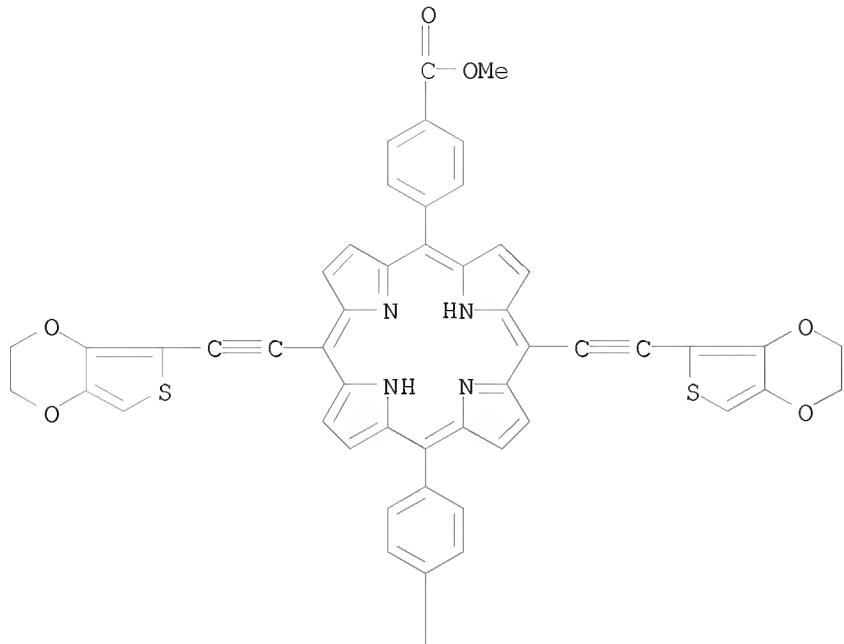


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

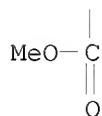
L14 ANSWER 75 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 692779-15-0 REGISTRY
ED Entered STN: 14 Jun 2004
CN Benzoic acid, 4,4'-[10,20-bis[(2,3-dihydrothieno[3,4-b]1,4-dioxin-5-yl)ethynyl]-21H,23H-porphine-5,15-diyl]bis-, dimethyl ester (9CI) (CA INDEX NAME)
DR 692779-17-2
MF C52 H34 N4 O8 S2

CI COM
SR CA
LC STN Files: CA, CAPLUS

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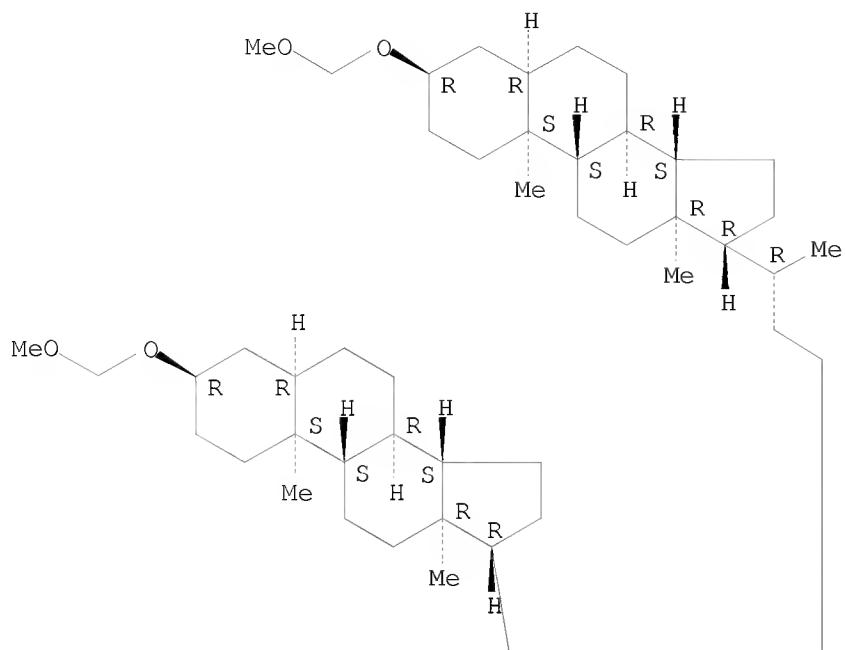
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

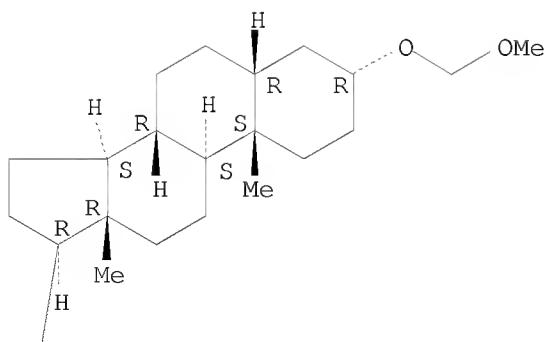
L14 ANSWER 76 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 673488-33-0 REGISTRY
ED Entered STN: 09 Apr 2004
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(3 α ,5 β)-3-
(methoxymethoxy)-24-norcholan-23-yl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C120 H182 N4 O8
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

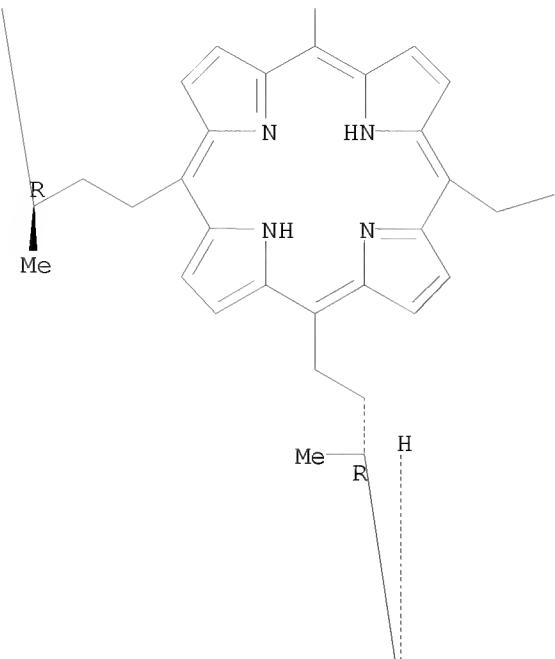
PAGE 1-A



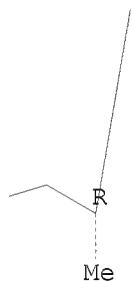
PAGE 1-B



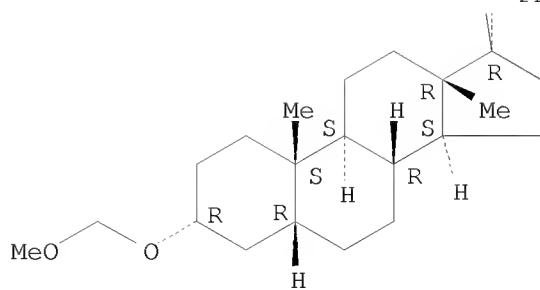
PAGE 2-A



PAGE 2-B



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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 77 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-86-1 REGISTRY

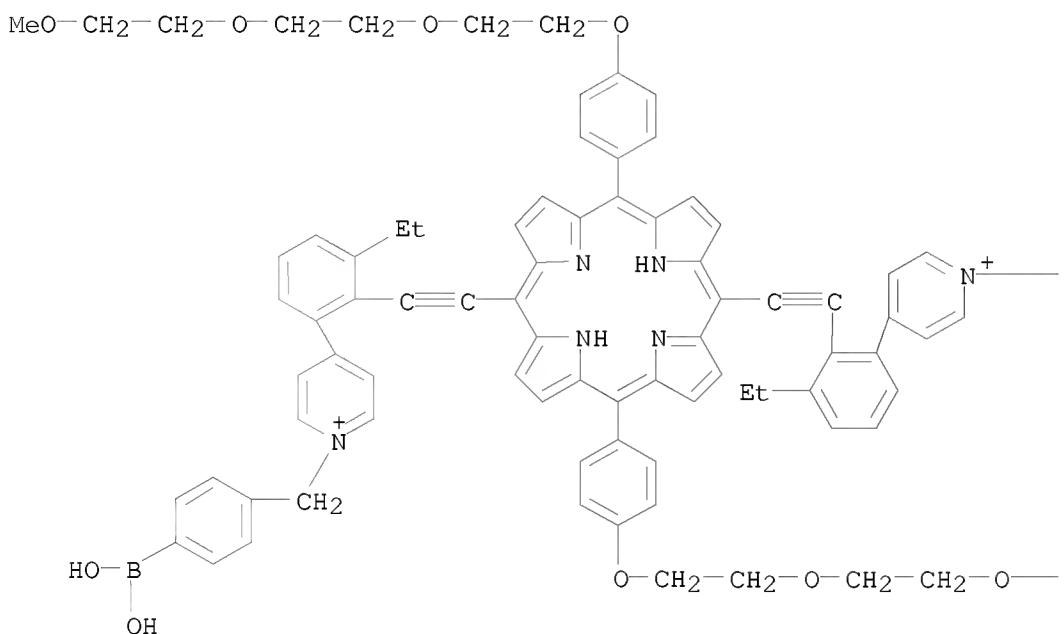
ED Entered STN: 16 Mar 2004
 CN D-Galactose, 6-deoxy-, compd. with
 4,4'-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-
 porphine-5,15-diyl]bis[2,1-ethynediyl(3-ethyl-2,1-phenylene)]]bis[1-[(4-
 boronophenyl)methyl]pyridinium] dibromide (1:1) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C90 H88 B2 N6 O12 . C6 H12 O5 . 2 Br
 SR CA
 LC STN Files: CA, CAPLUS

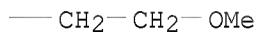
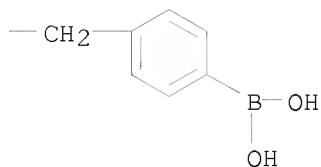
CM 1

CRN 663621-84-9

CMF C90 H88 B2 N6 O12

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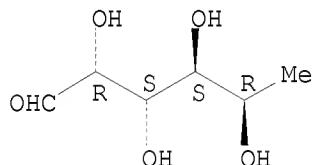




CM 2

CRN 3615-37-0
CMF C₆ H₁₂ O₅

Absolute stereochemistry.



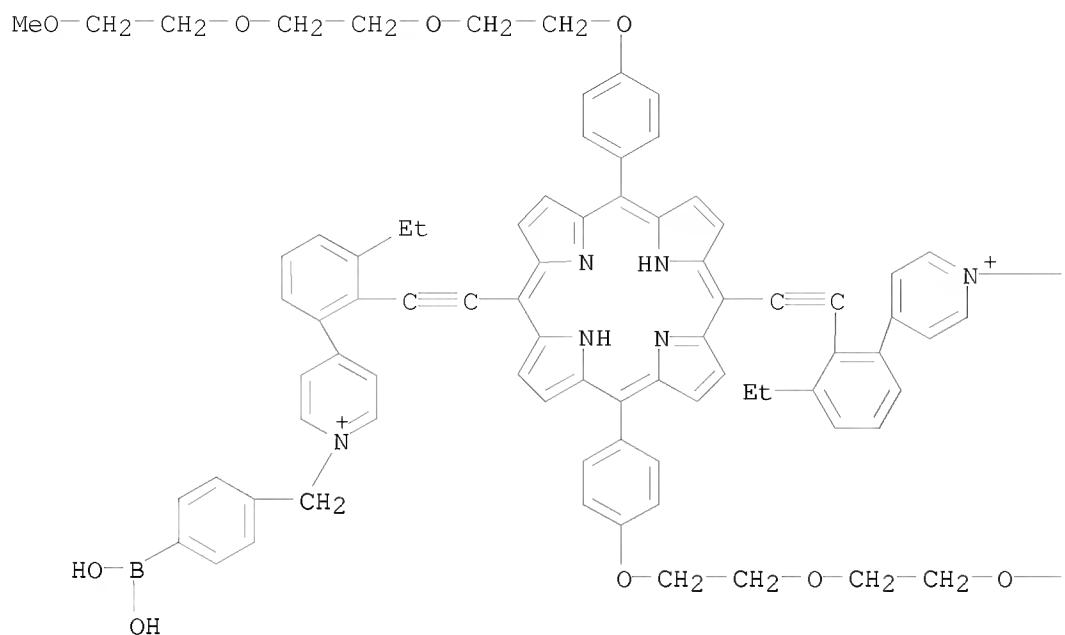
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 78 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-85-0 REGISTRY
ED Entered STN: 16 Mar 2004
CN L-Galactose, 6-deoxy-, compd. with
4,4'-[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,
23H-porphine-5,15-diyl]bis[2,1-ethynediyl(3-ethyl-2,1-phenylene)]bis[1-[(4-
boronophenyl)methyl]pyridinium] dibromide (1:1) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C₉₀ H₈₈ B₂ N₆ O₁₂ . C₆ H₁₂ O₅ . 2 Br
SR CA
LC STN Files: CA, CAPLUS

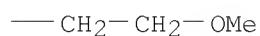
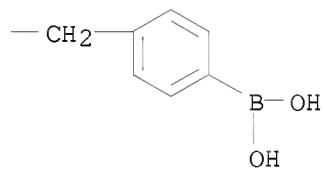
CM 1

CRN 663621-84-9
CMF C₉₀ H₈₈ B₂ N₆ O₁₂

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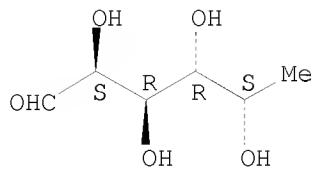
PAGE 1-B



CM 2

CRN 2438-80-4
CMF C₆ H₁₂ O₅

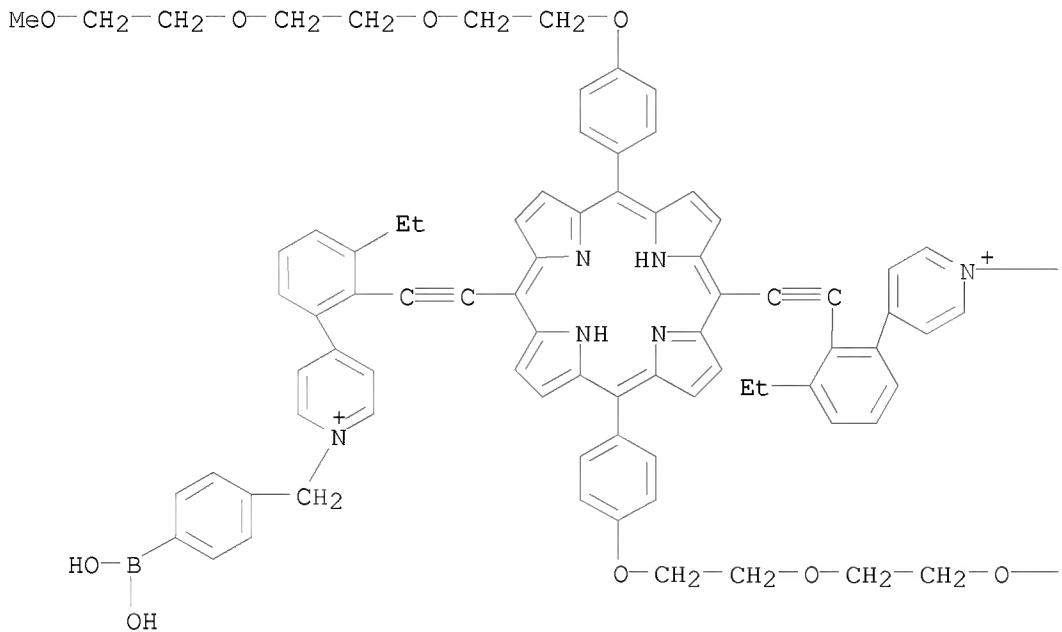
Absolute stereochemistry.

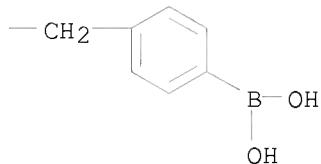


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 79 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-84-9 REGISTRY
ED Entered STN: 16 Mar 2004
CN Pyridinium, 4,4'-(1[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diy1]bis[2,1-ethynediyl(3-ethyl-2,1-phenylene)])]bis[1-[(4-boronophenyl)methyl]- (9CI) (CA INDEX NAME)
MF C90 H88 B2 N6 O12
CI COM
SR CA

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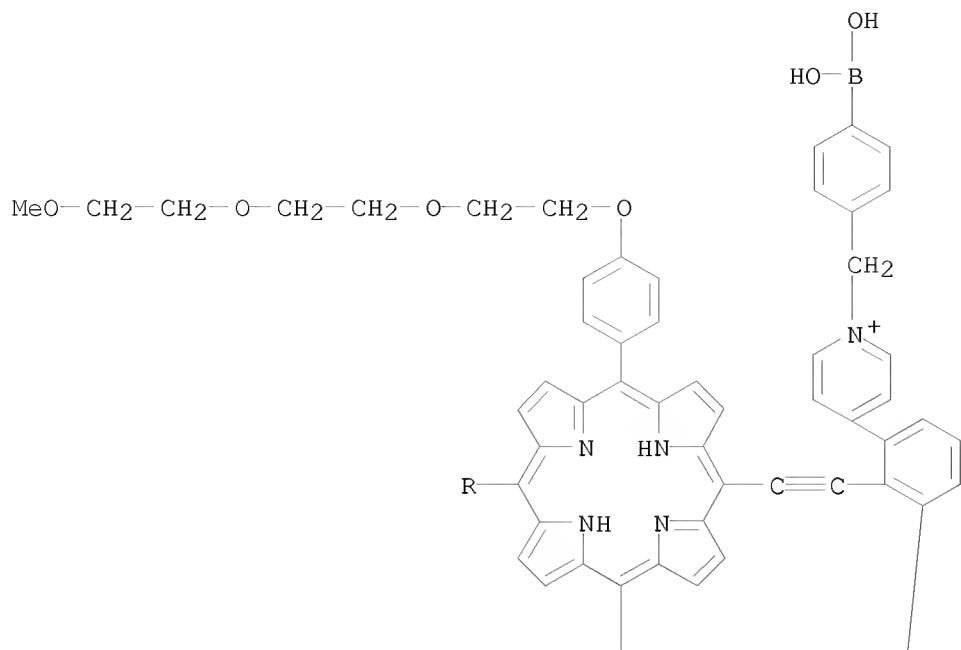
— CH₂—CH₂—OMe

L14 ANSWER 80 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 663621-83-8 REGISTRY
 ED Entered STN: 16 Mar 2004
 CN D-Glucose, O- α -D-glucopyranosyl-(1 \rightarrow 4)-O- α -D-glucopyranosyl-(1 \rightarrow 4)-O- α -D-glucopyranosyl-(1 \rightarrow 4)-O- α -D-glucopyranosyl-(1 \rightarrow 4)-, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diy1]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C110 H102 B4 N8 O16 . 2 C36 H62 O31 . 4 Br
 SR CA
 LC STN Files: CA, CAPLUS

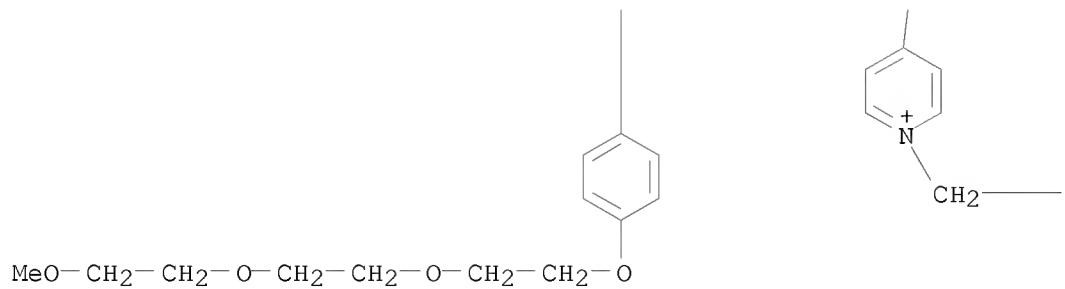
CM 1

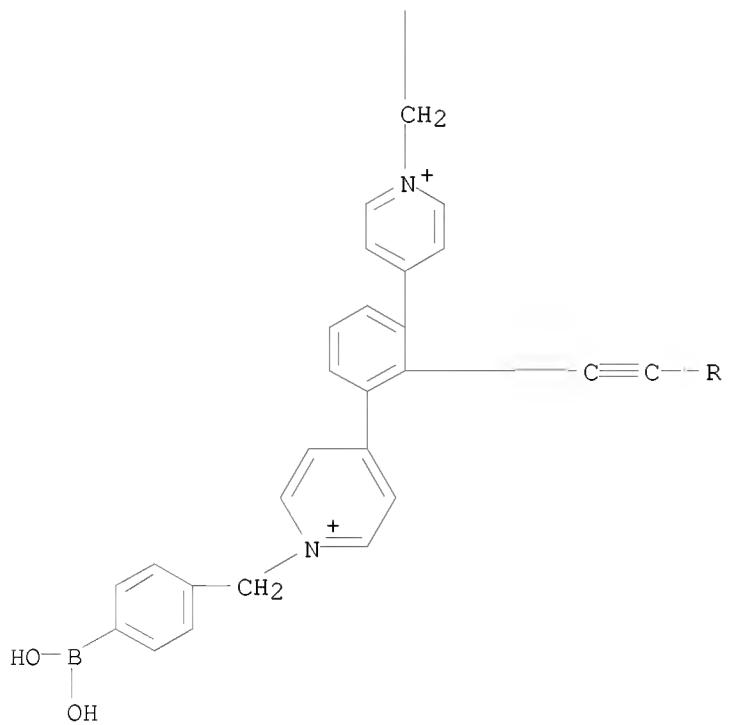
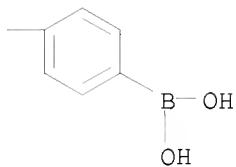
CRN 663621-72-5
 CMF C110 H102 B4 N8 O16

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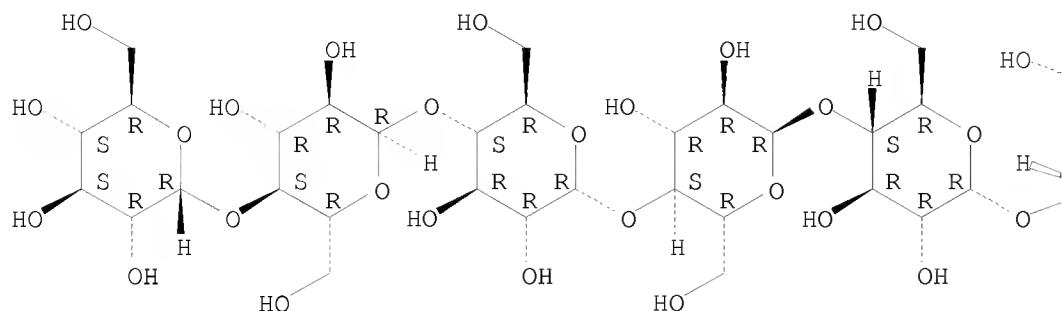


CM 2

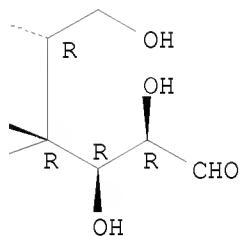
CRN 34620-77-4
CMF C36 H62 031

Absolute stereochemistry.

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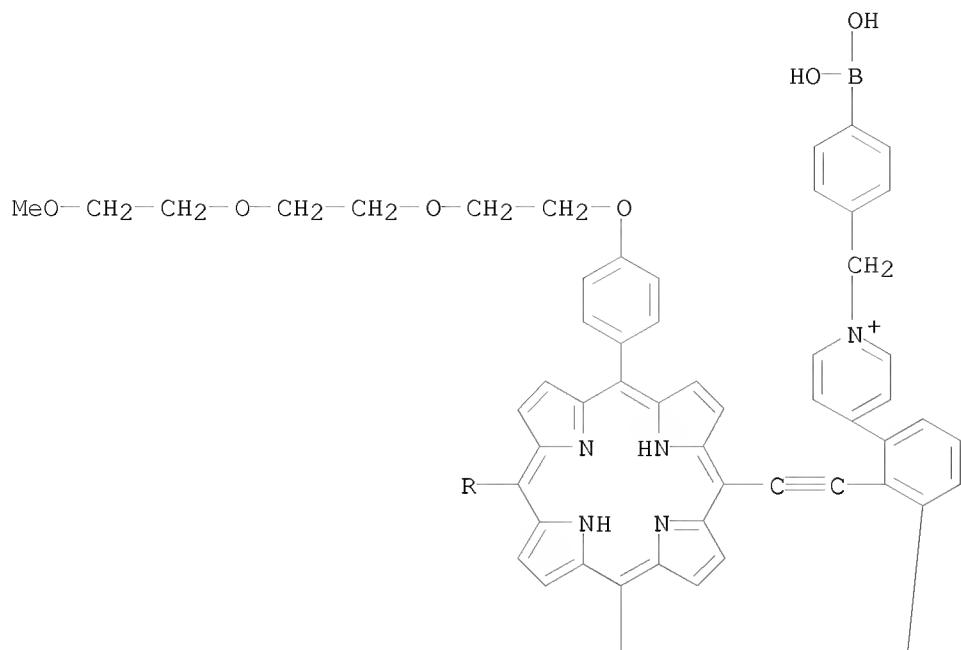
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 81 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-82-7 REGISTRY
ED Entered STN: 16 Mar 2004
CN D-Glucose, O- α -D-glucopyranosyl-(1 \rightarrow 4)-O- α -D-glucopyranosyl-(1 \rightarrow 4)-, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C110 H102 B4 N8 O16 . 2 C18 H32 O16 . 4 Br
SR CA
LC STN Files: CA, CAPLUS

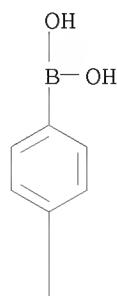
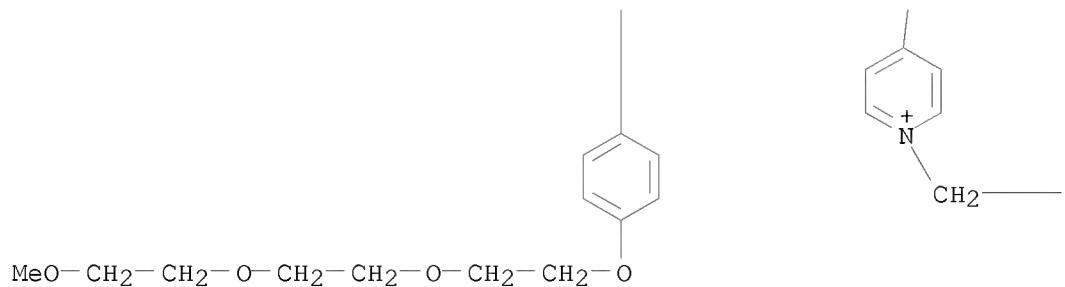
CM 1

CRN 663621-72-5
CMF C110 H102 B4 N8 O16

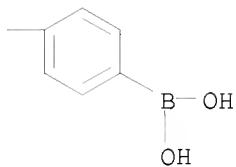
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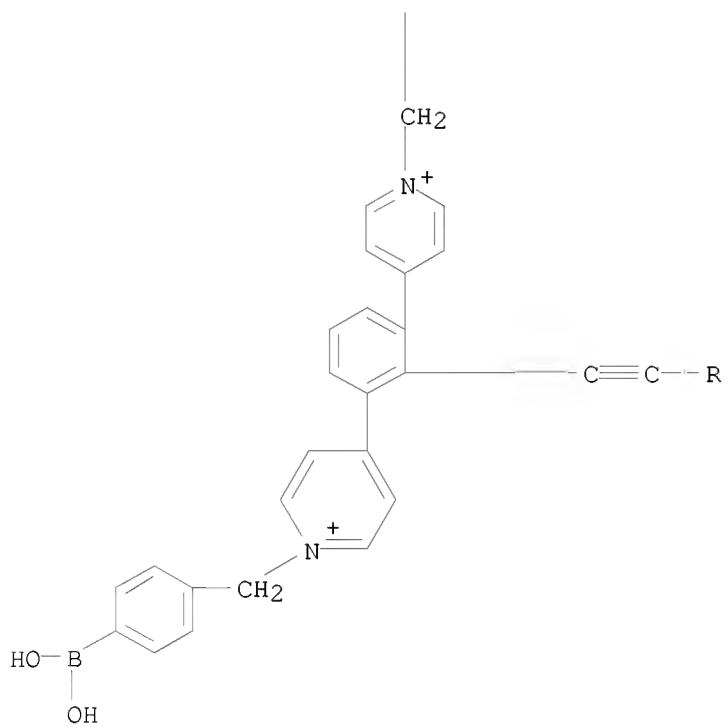
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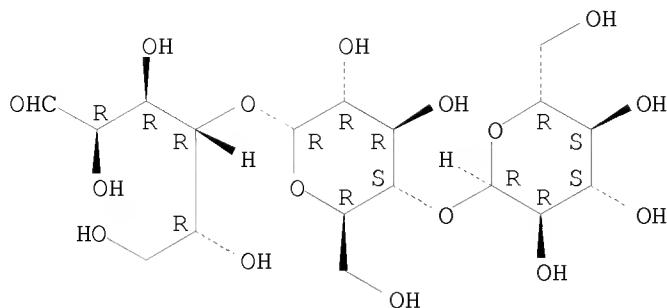
PAGE 3-A



CM 2

CRN 1109-28-0
CMF C18 H32 O16

Absolute stereochemistry.



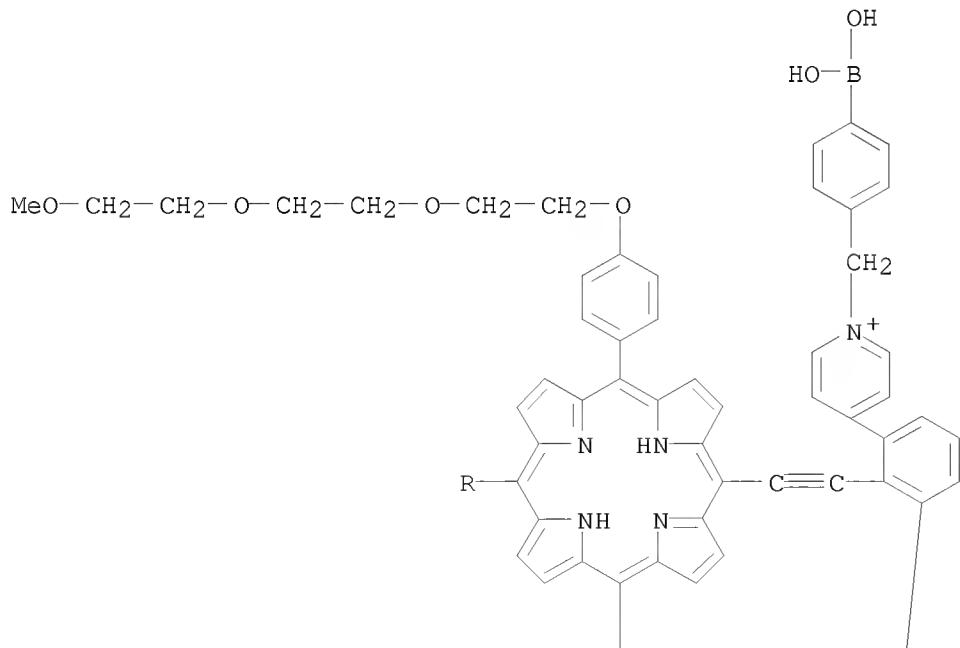
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 82 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 663621-81-6 REGISTRY
 ED Entered STN: 16 Mar 2004
 CN D-Glucose, 4-O- α -D-glucopyranosyl-, compd. with
 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-
 21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-
 benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide
 (2:1) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C110 H102 B4 N8 O16 . 2 C12 H22 O11 . 4 Br
 SR CA
 LC STN Files: CA, CAPLUS

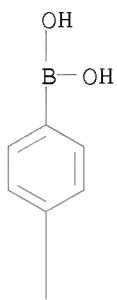
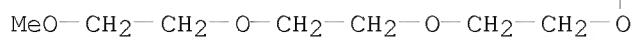
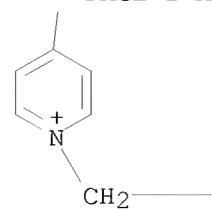
CM 1

CRN 663621-72-5
 CMF C110 H102 B4 N8 O16

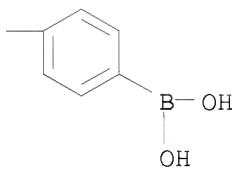
PAGE 1-A

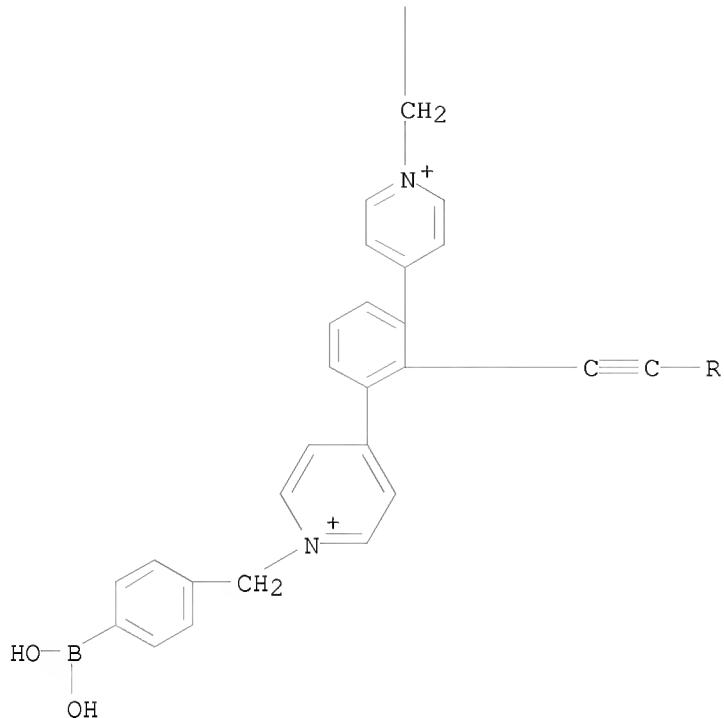


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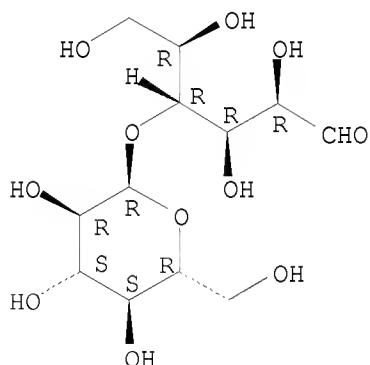


CM 2

CRN 69-79-4

CMF C12 H22 O11

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

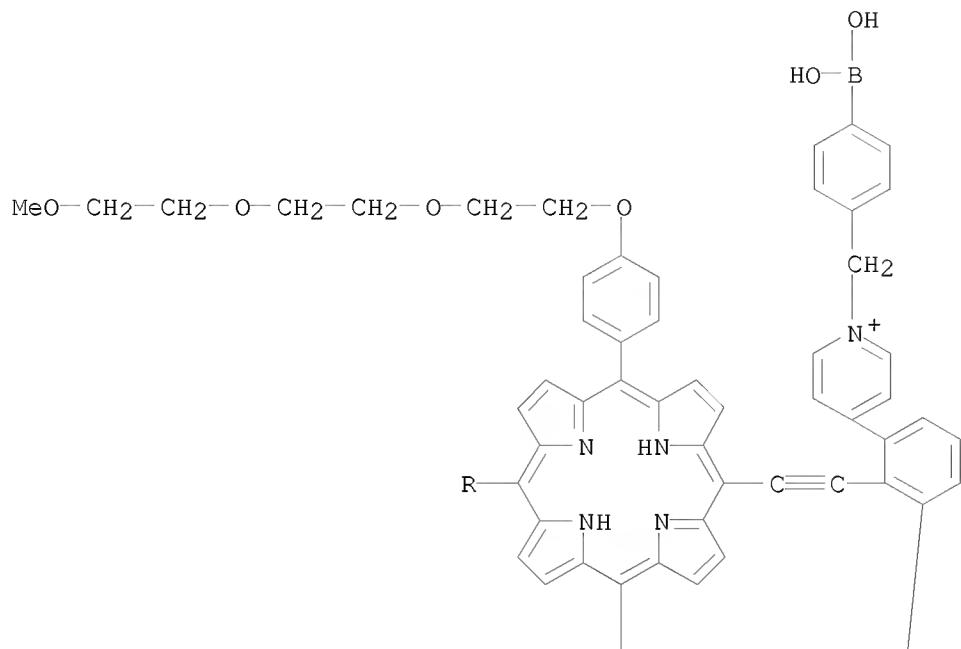
L14 ANSWER 83 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 663621-80-5 REGISTRY
 ED Entered STN: 16 Mar 2004
 CN D-Ribose, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl)-2,1,3-benzenetriyl]tetraakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH

MF C110 H102 B4 N8 O16 . 2 C5 H10 O5 . 4 Br
SR CA
LC STN Files: CA, CAPLUS

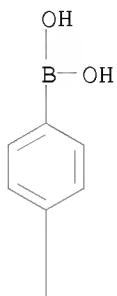
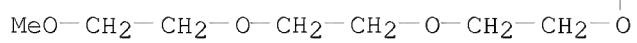
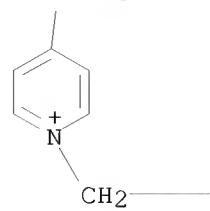
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CRN 663621-72-5
CMF C110 H102 B4 N8 O16

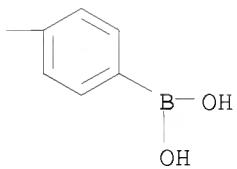
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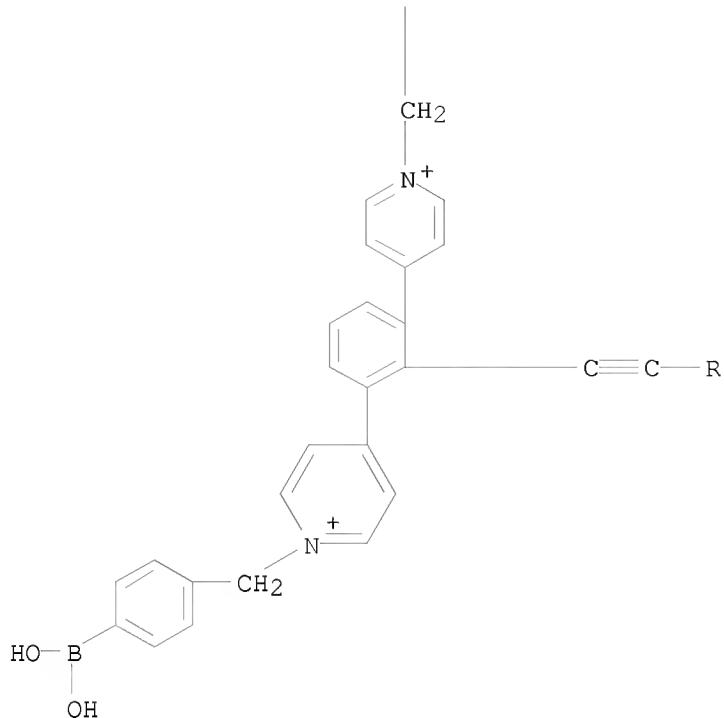


PAGE 2-A



PAGE 2-B

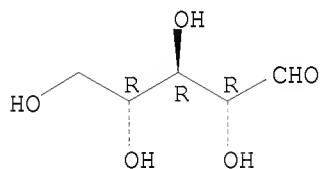




CM 2

CRN 50-69-1
CMF C5 H10 05

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

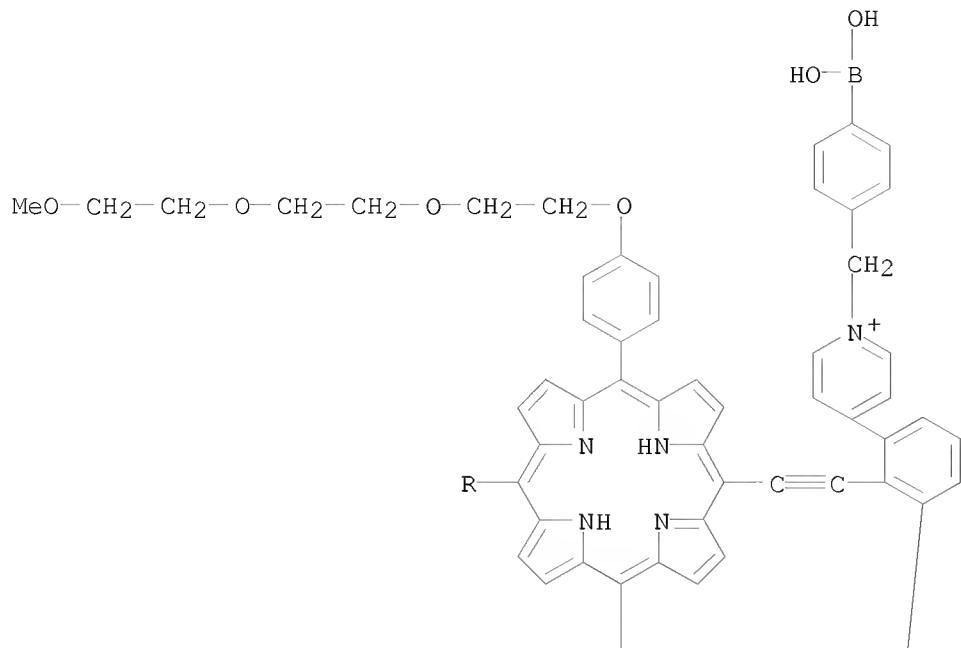
L14 ANSWER 84 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-79-2 REGISTRY
ED Entered STN: 16 Mar 2004
CN D-Galactose, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C110 H102 B4 N8 O16 . 2 C6 H12 O6 . 4 Br
SR CA
LC STN Files: CA, CAPLUS

CM 1

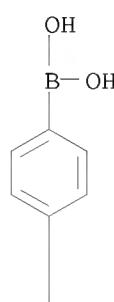
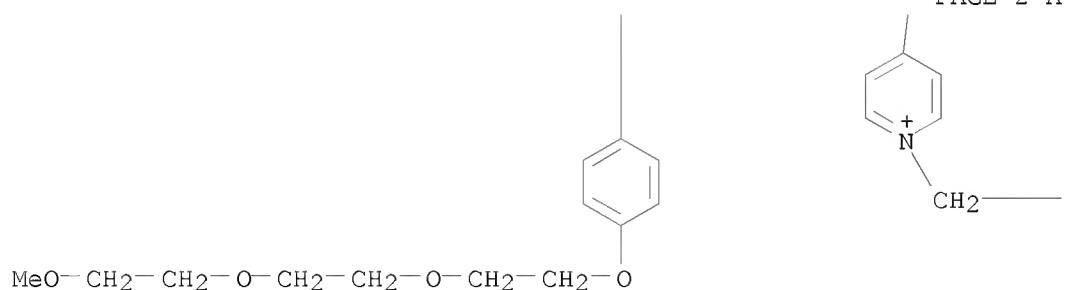
CRN 663621-72-5

CMF C110 H102 B4 N8 O16

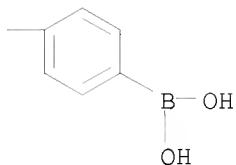
PAGE 1-A



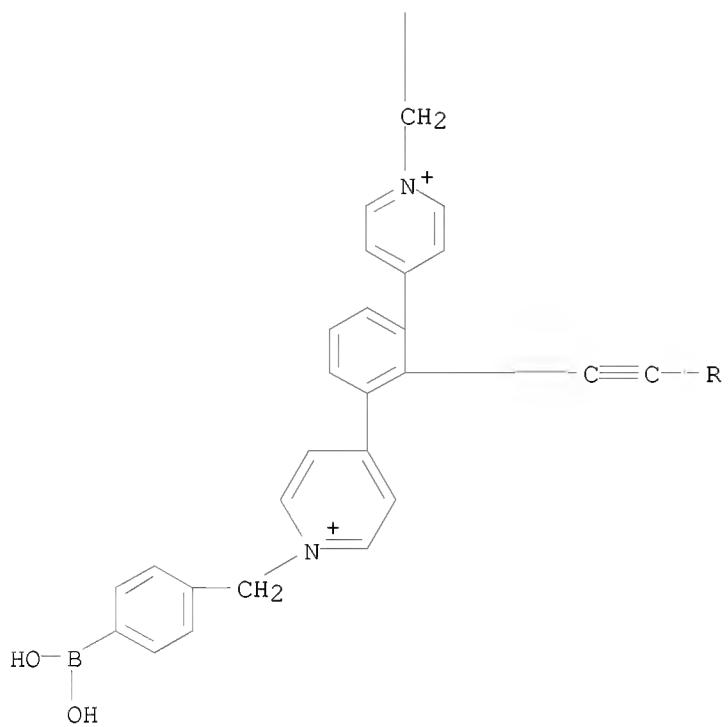
PAGE 2-A



PAGE 2-B



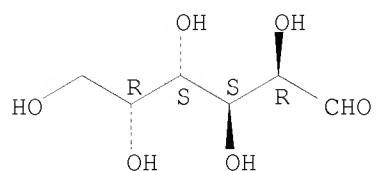
PAGE 3-A



CM 2

CRN 59-23-4
CMF C6 H12 O6

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CA (1907 TO DATE)

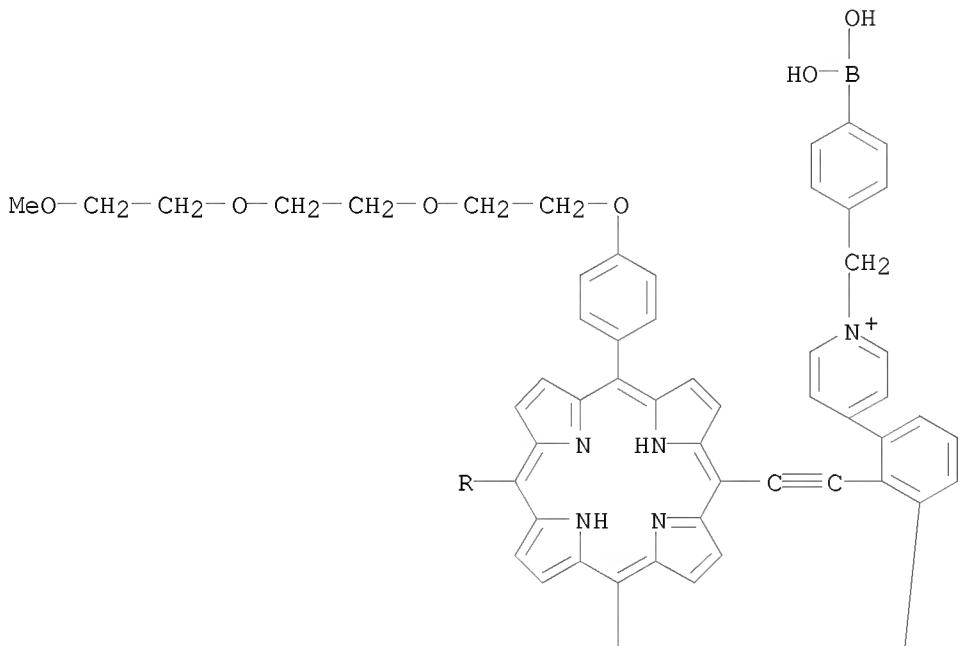
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 85 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-78-1 REGISTRY
ED Entered STN: 16 Mar 2004
CN D-Fructose, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C110 H102 B4 N8 O16 . 2 C6 H12 O6 . 4 Br
SR CA
LC STN Files: CA, CAPLUS

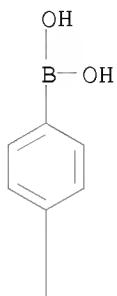
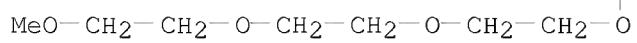
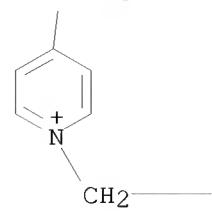
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CRN 663621-72-5
CMF C110 H102 B4 N8 O16

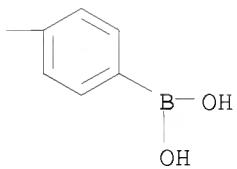
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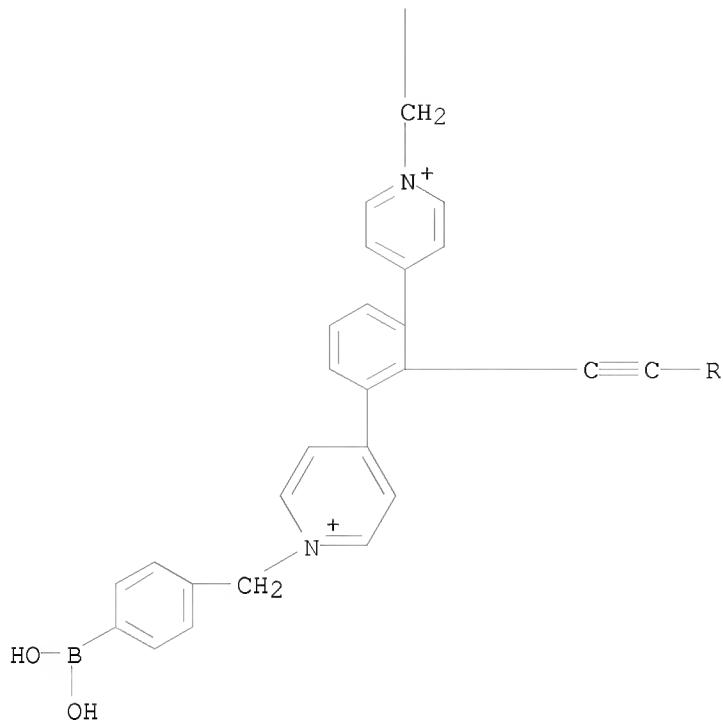


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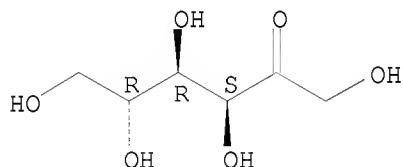




CM 2

CRN 57-48-7
CMF C6 H12 O6

Absolute stereochemistry.

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

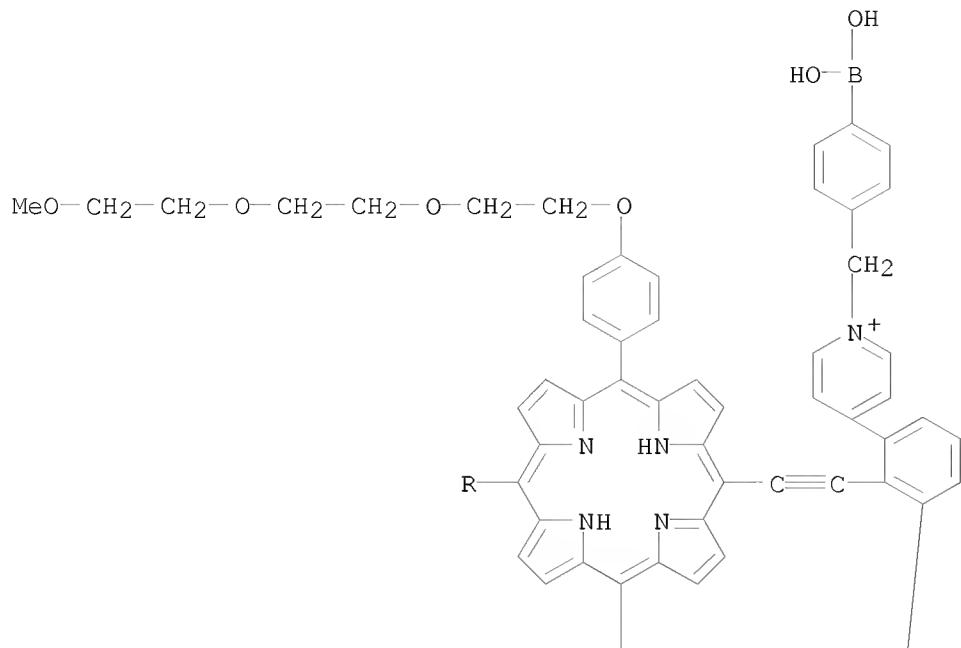
L14 ANSWER 86 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 663621-77-0 REGISTRY
 ED Entered STN: 16 Mar 2004
 CN D-Arabinose, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl)-2,1,3-benzenetriyl]tetraakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C110 H102 B4 N8 O16 . 2 C5 H10 O5 . 4 Br
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

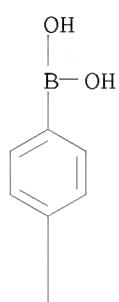
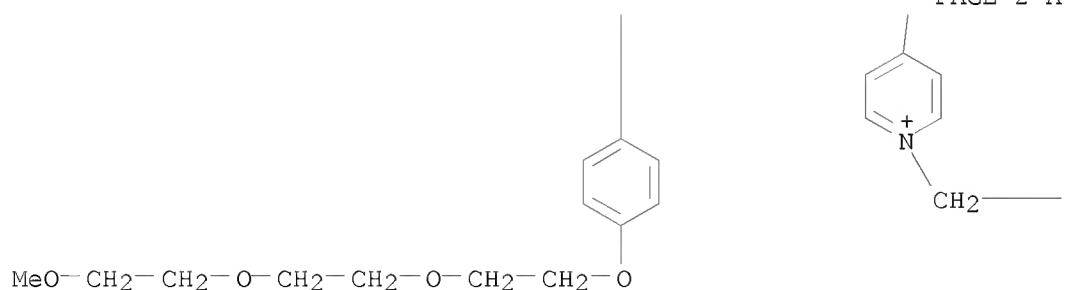
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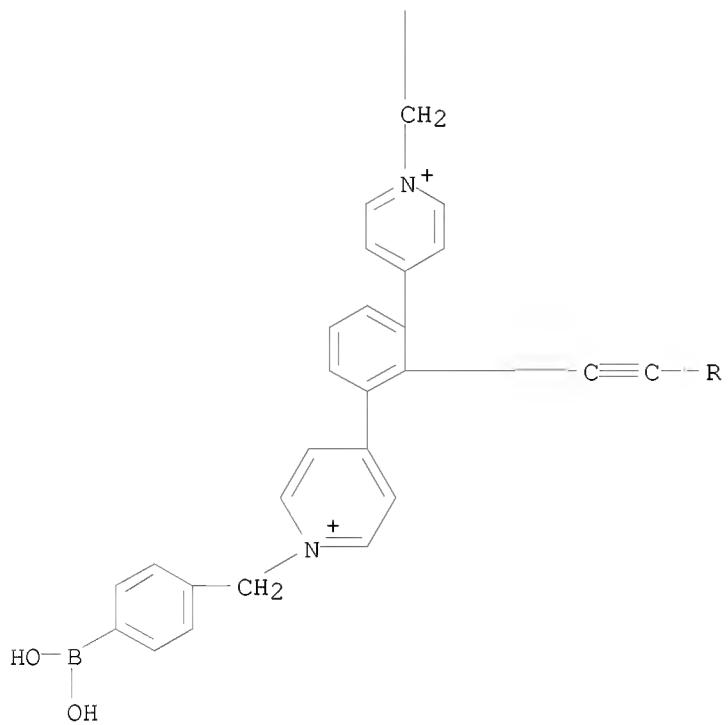
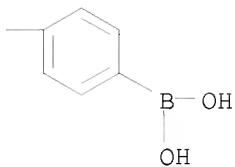
CMF C110 H102 B4 N8 O16

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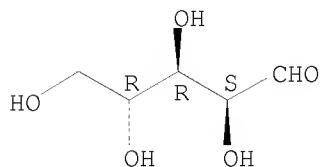




CM 2

CRN 10323-20-3
CMF C5 H10 05

Absolute stereochemistry.



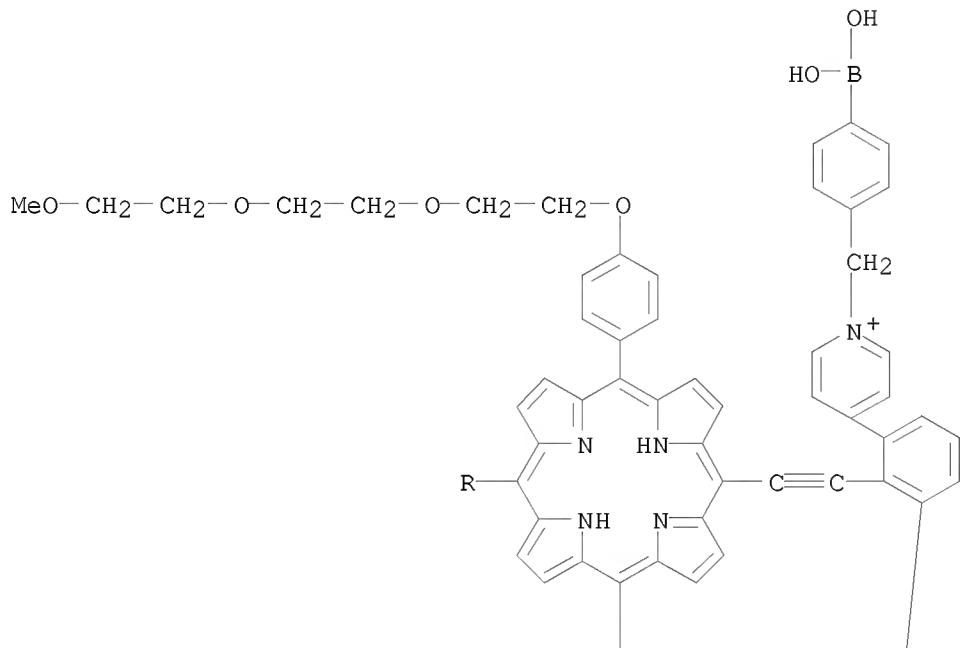
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 87 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-76-9 REGISTRY
ED Entered STN: 16 Mar 2004
CN D-Glucose, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C110 H102 B4 N8 O16 . 2 C6 H12 O6 . 4 Br
SR CA
LC STN Files: CA, CAPLUS

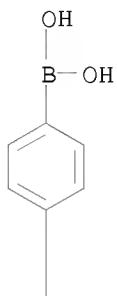
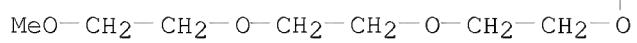
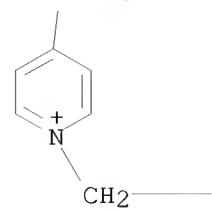
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CRN 663621-72-5
CMF C110 H102 B4 N8 O16

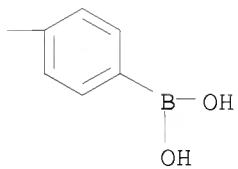
PAGE 1-A

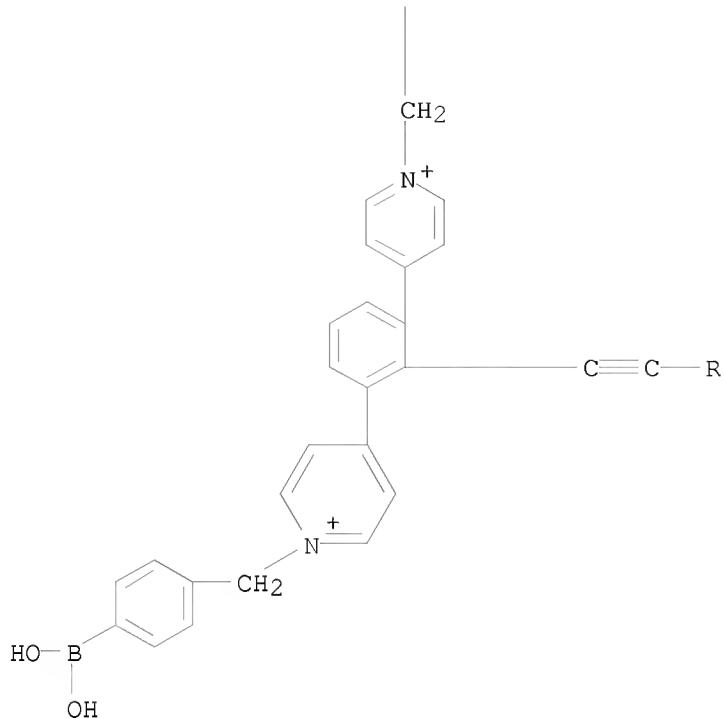


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PAGE 2-B

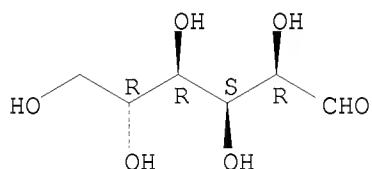




CM 2

CRN 50-99-7
CMF C6 H12 06

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

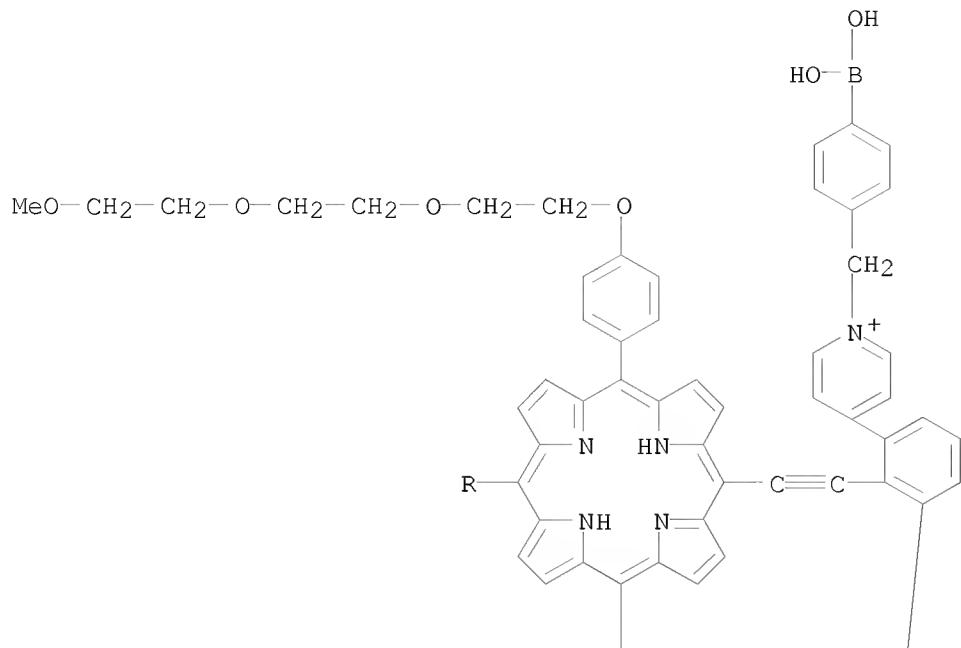
L14 ANSWER 88 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 663621-75-8 REGISTRY
 ED Entered STN: 16 Mar 2004
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 FS STEREOSEARCH
 MF C110 H102 B4 N8 O16 . 2 C5 H10 O5 . 4 Br
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

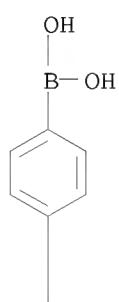
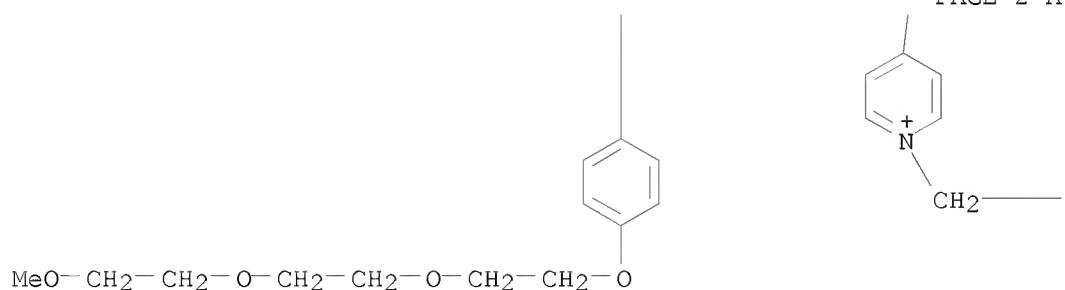
CRN 663621-72-5

CMF C110 H102 B4 N8 O16

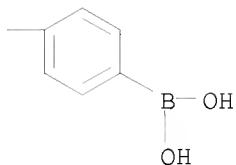
PAGE 1-A



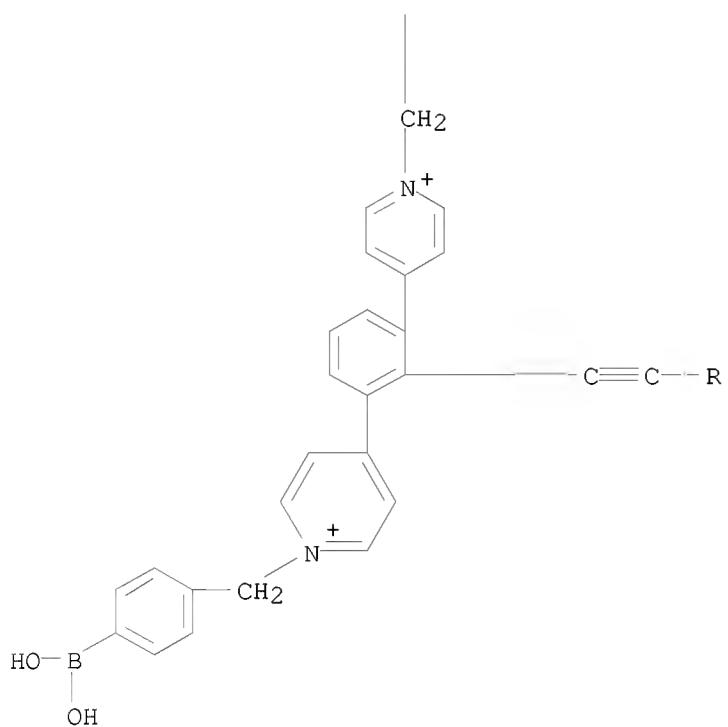
PAGE 2-A



PAGE 2-B



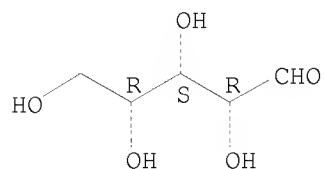
PAGE 3-A



CM 2

CRN 58-86-6
CMF C5 H10 O5

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

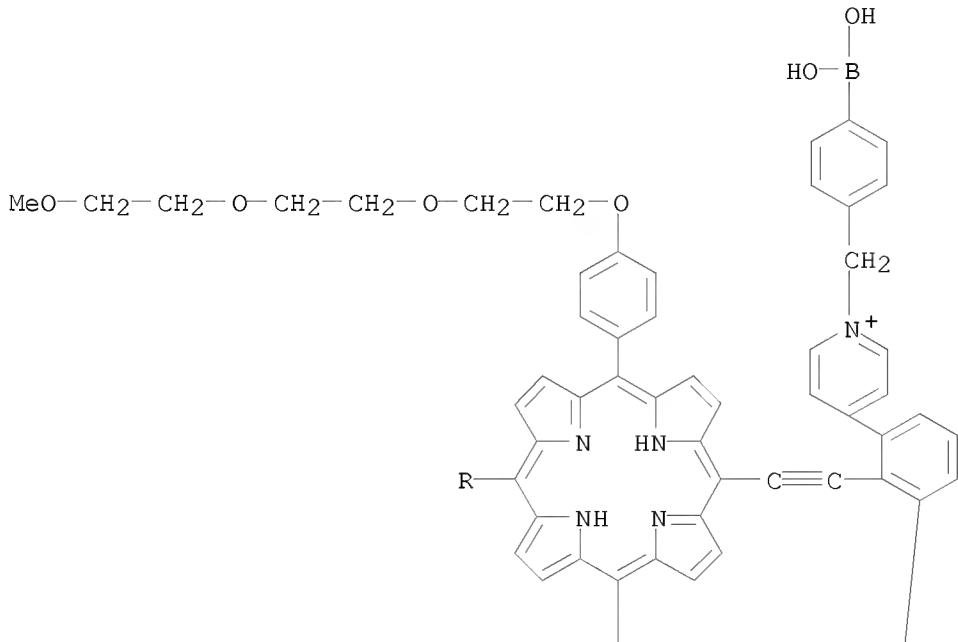
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 89 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-74-7 REGISTRY
ED Entered STN: 16 Mar 2004
CN D-Galactose, 6-deoxy-, compd. with
4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-
21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-
benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide
(2:1) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C110 H102 B4 N8 O16 . 2 C6 H12 O5 . 4 Br
SR CA
LC STN Files: CA, CAPLUS

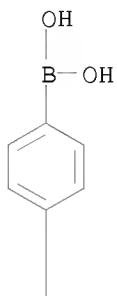
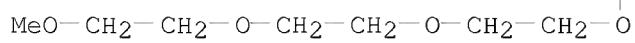
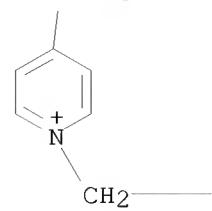
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CRN 663621-72-5
CMF C110 H102 B4 N8 O16

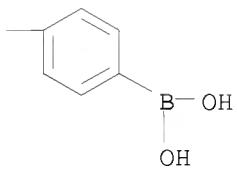
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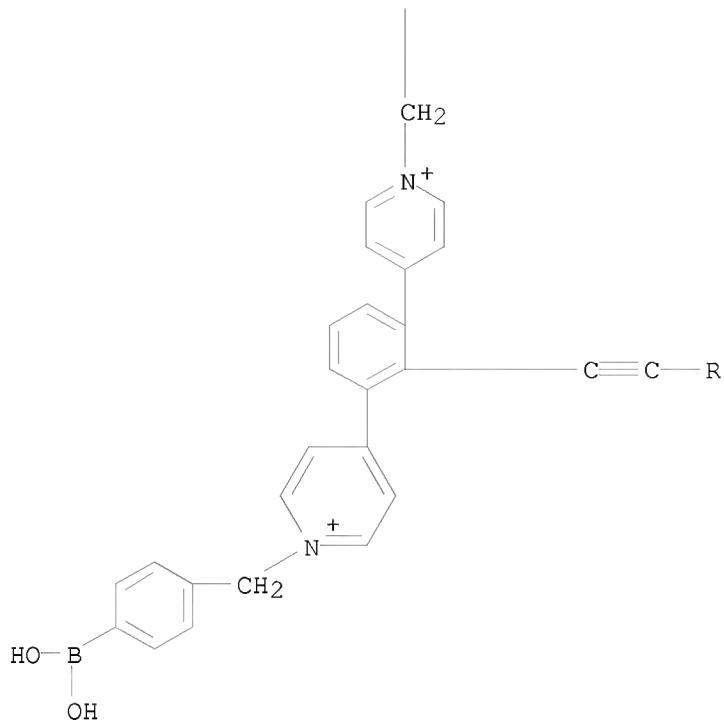


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PAGE 2-B

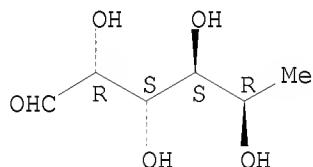




CM 2

CRN 3615-37-0
CMF C6 H12 O5

Absolute stereochemistry.

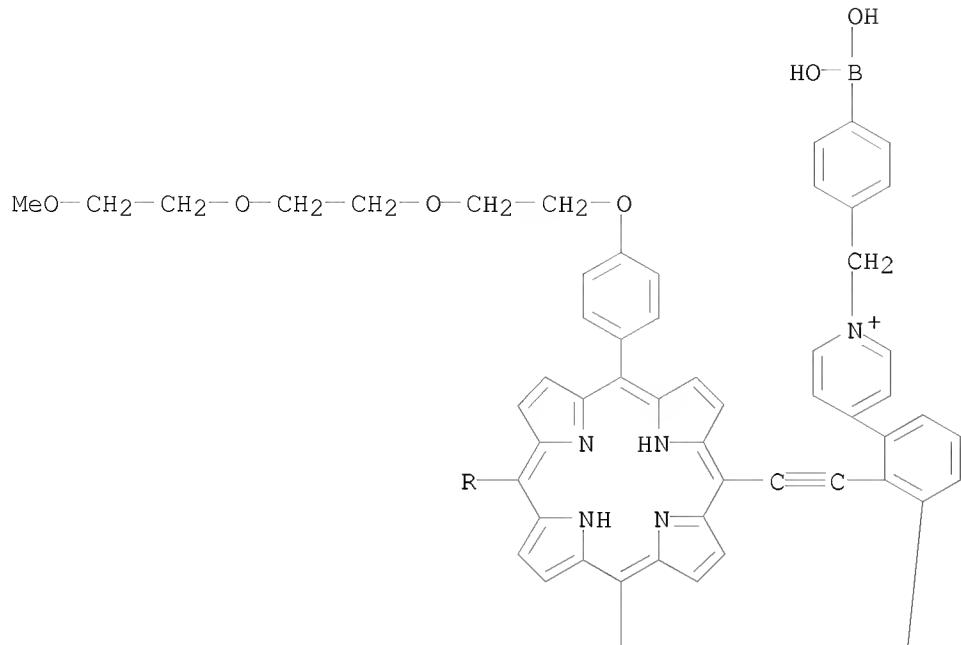
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 90 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 663621-73-6 REGISTRY
 ED Entered STN: 16 Mar 2004
 CN L-Galactose, 6-deoxy-, compd. with
 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-
 21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-
 benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide
 (2:1) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C110 H102 B4 N8 O16 . 2 C6 H12 O5 . 4 Br
 SR CA
 LC STN Files: CA, CAPLUS

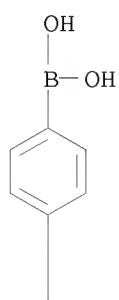
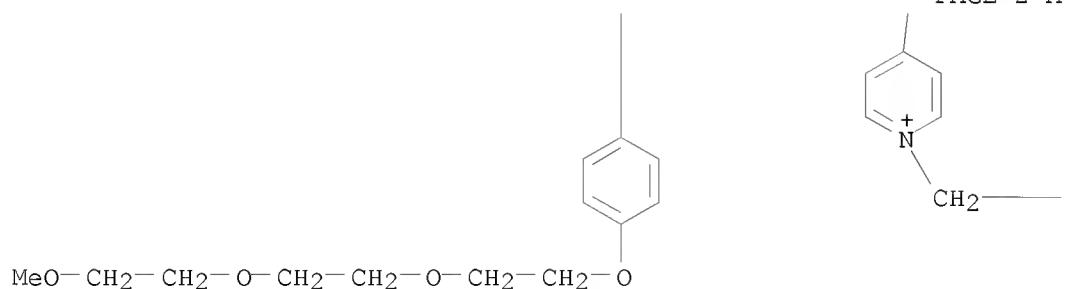
CM 1

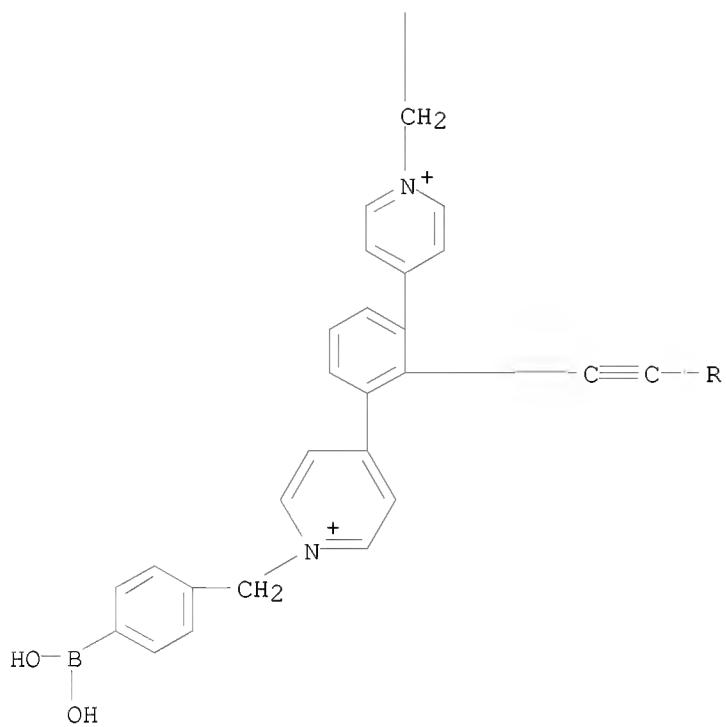
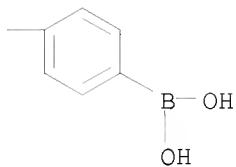
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CMF C110 H102 B4 N8 O16

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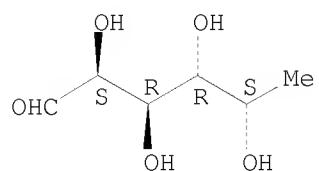




CM 2

CRN 2438-80-4
CMF C₆ H₁₂ O₅

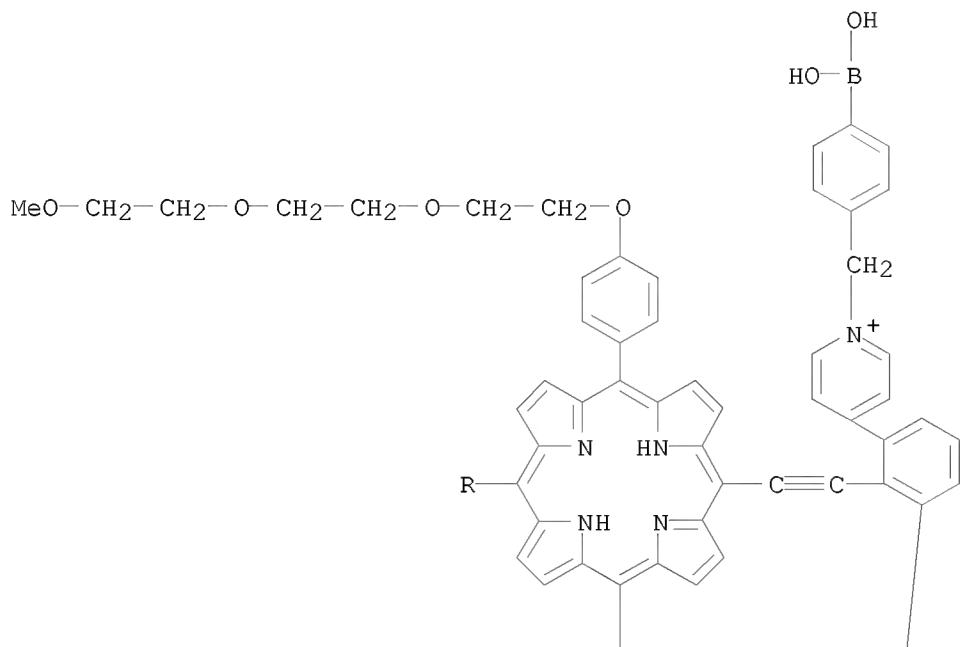
Absolute stereochemistry.



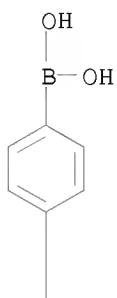
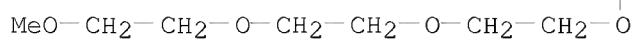
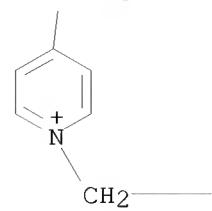
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 91 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-72-5 REGISTRY
ED Entered STN: 16 Mar 2004
CN Pyridinium, 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]- (9CI) (CA INDEX NAME)
MF C110 H102 B4 N8 O16
CI COM
SR CA

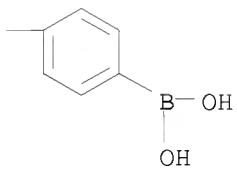
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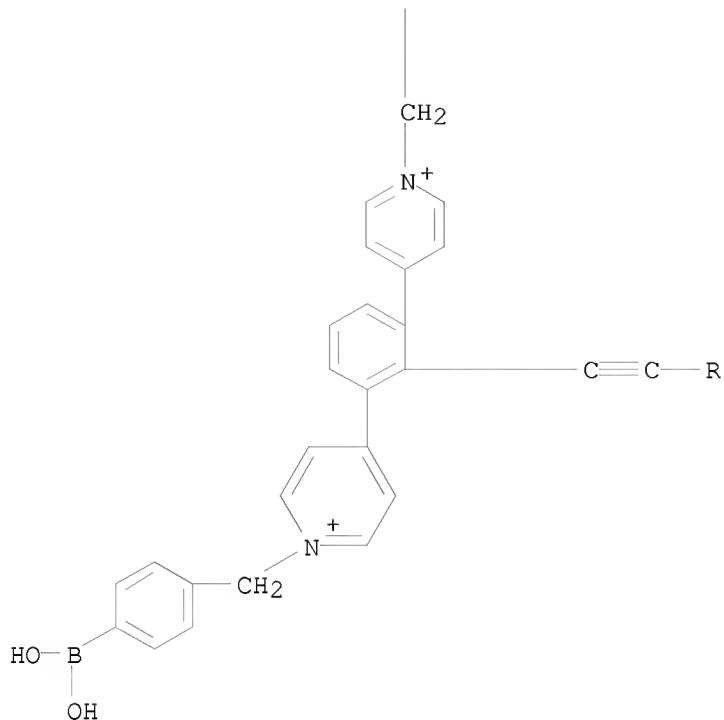


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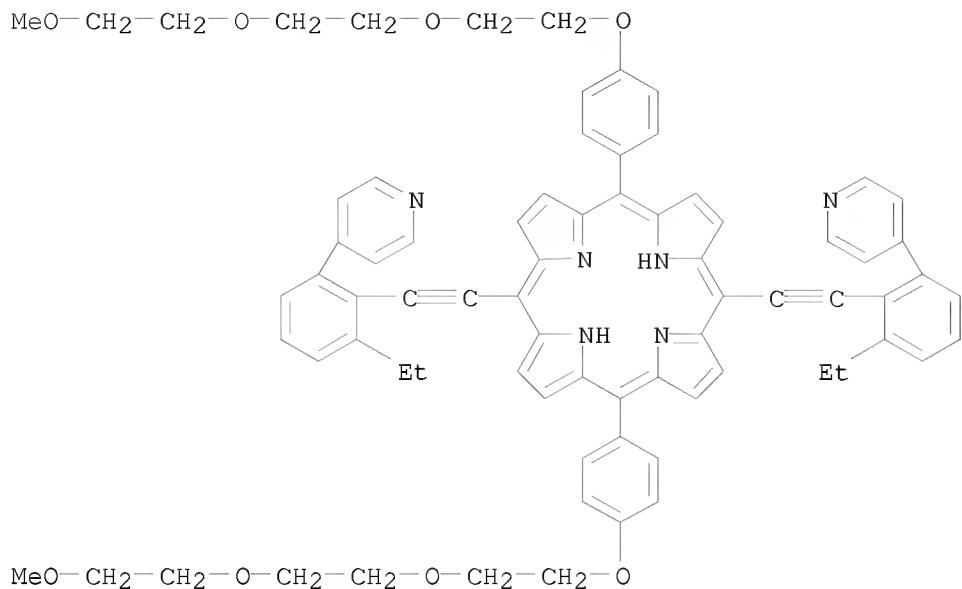


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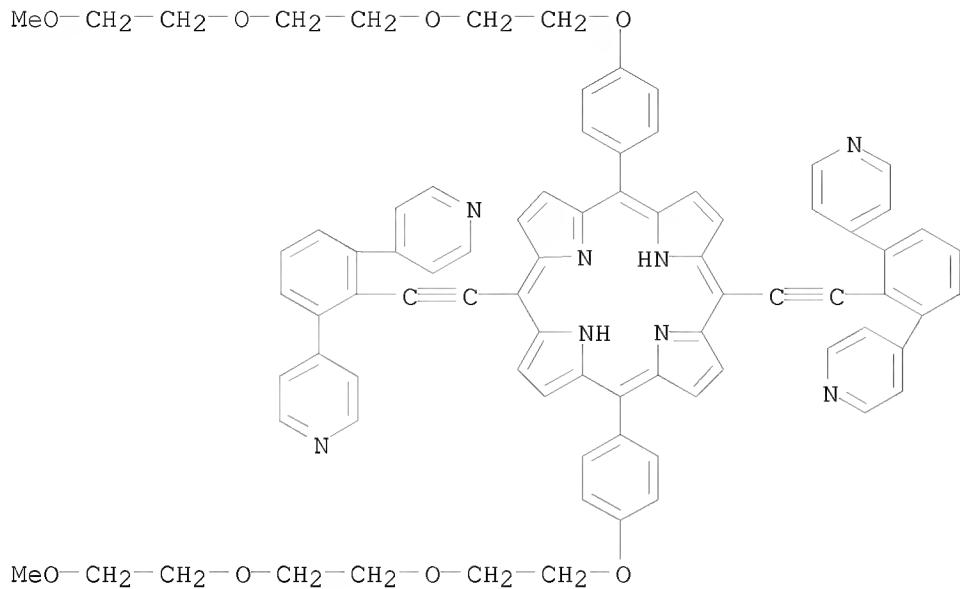
L14 ANSWER 92 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-71-4 REGISTRY
ED Entered STN: 16 Mar 2004
CN 21H,23H-Porphine, 5,15-bis[[2-ethyl-6-(4-pyridinyl)phenyl]ethynyl]-10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]- (9CI) (CA INDEX NAME)
MF C76 H72 N6 O8
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 93 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-70-3 REGISTRY
ED Entered STN: 16 Mar 2004
CN 21H,23H-Porphine, 5,15-bis[(2,6-di-4-pyridinylphenyl)ethynyl]-10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]- (9CI) (CA INDEX NAME)
MF C82 H70 N8 O8
SR CA
LC STN Files: CA, CAPLUS, CASREACT

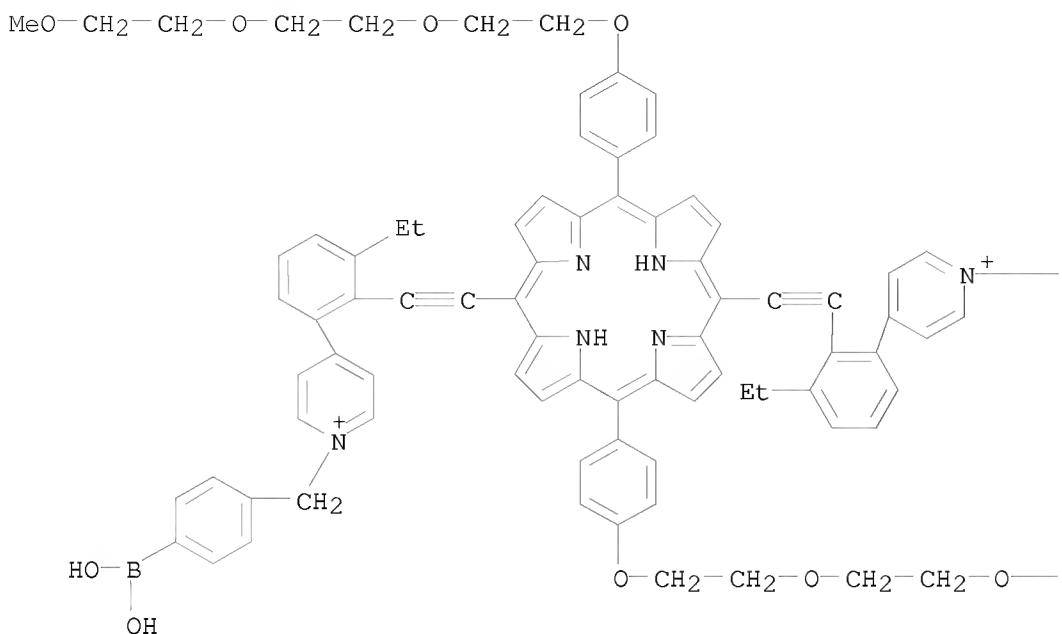


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

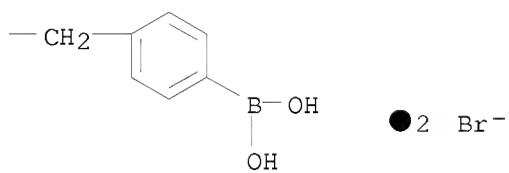
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 94 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 663621-64-5 REGISTRY
 ED Entered STN: 16 Mar 2004
 CN Pyridinium, 4,4'—[[10,20-bis[4—[2—[2—(2—
 methoxyethoxy)ethoxy]ethoxy]phenyl]—21H,23H-porphine-5,15-diyl]bis[2,1—
 ethynediyl(3-ethyl-2,1-phenylene)]]bis[1—[(4-boronophenyl)methyl]—,
 dibromide (9CI) (CA INDEX NAME)
 MF C90 H88 B2 N6 O12 . 2 Br
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT
 CRN (663621-84-9)

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— CH₂ — CH₂ — OMe

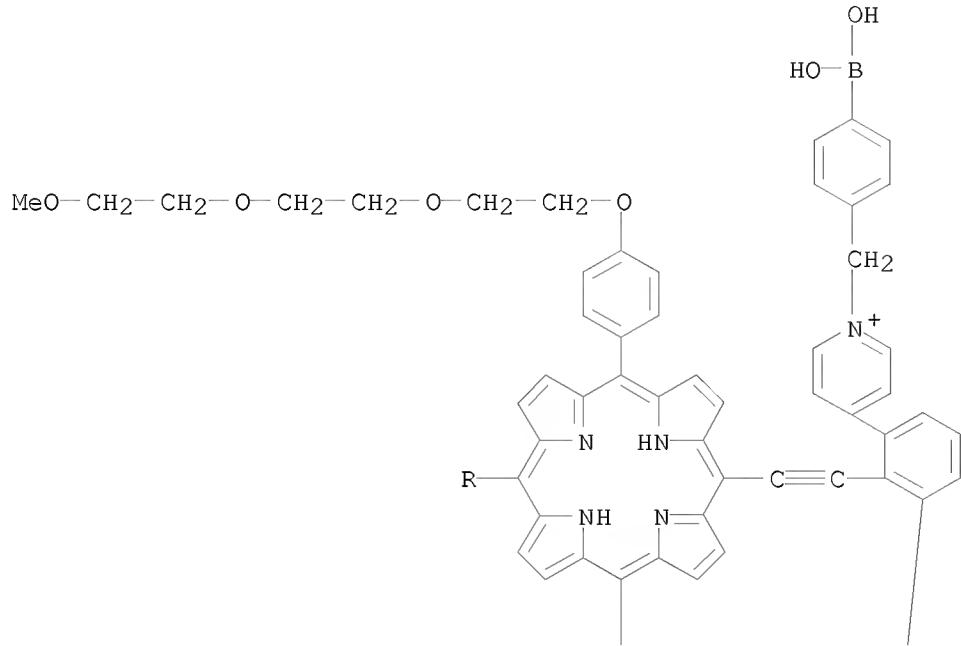
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

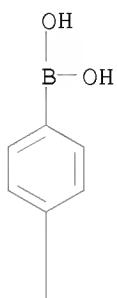
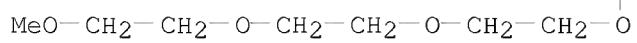
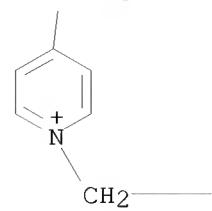
L14 ANSWER 95 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 663621-63-4 REGISTRY
ED Entered STN: 16 Mar 2004

CN Pyridinium, 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diy1]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]-, tetrabromide (9CI) (CA INDEX NAME)
MF C110 H102 B4 N8 O16 . 4 Br
SR CA
LC STN Files: CA, CAPLUS, CASREACT
CRN (663621-72-5)

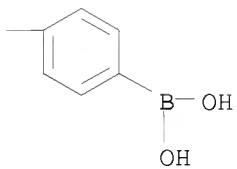
PAGE 1-A



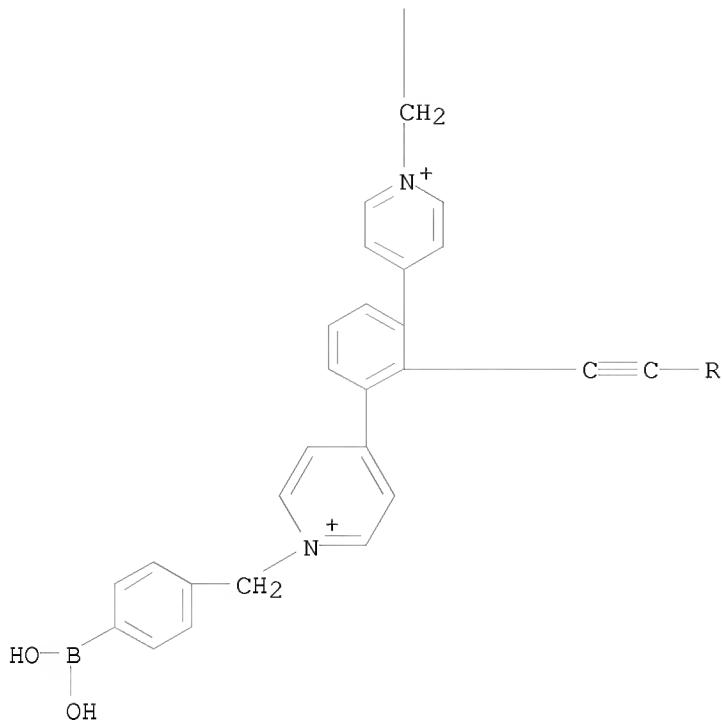
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PAGE 3-B

● 4 Br⁻

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

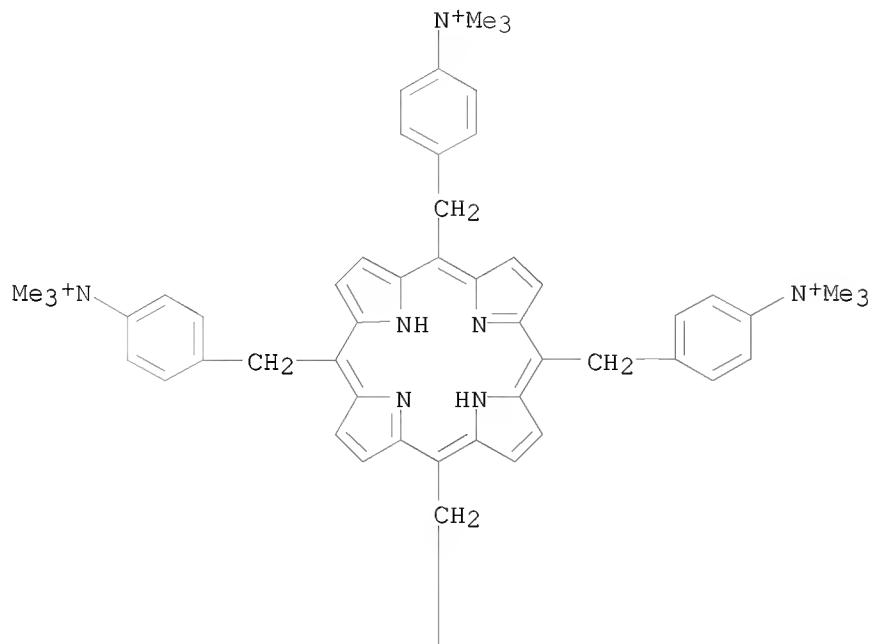
L14 ANSWER 96 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 639504-84-0 REGISTRY
ED Entered STN: 20 Jan 2004
CN β -Cyclodextrin, 2A,2B,2C,2D,2E,2F,2G,3A,3B,3C,3D,3E,3F,3G,6A,6B,6C,6D
,6E,6F,6G-heneicosanoate-methyl-, compd. with
4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-
tetrayltetrakis(methylene)tetraakis[N,N,N-trimethylbenzenaminium]
conjugate diacid (2:1) (9CI) (CA INDEX NAME)
FS STEREOSEARCH

MF C63 H112 O35 . 1/2 C60 H70 N8 . H
SR CA
LC STN Files: CA, CAPLUS

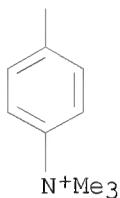
CM 1

CRN 639504-82-8 (205941-70-4)
CMF C60 H70 N8 . 2 H

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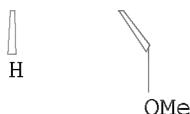
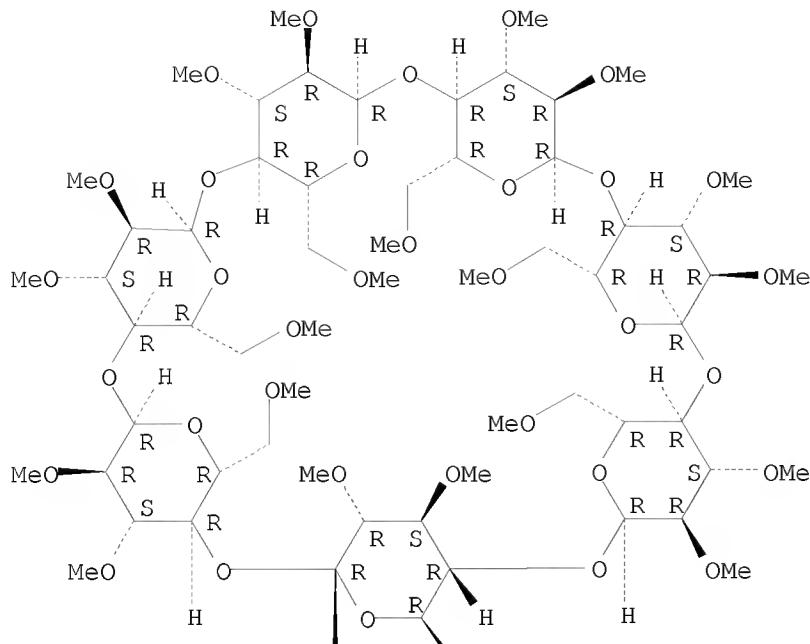


●2 H⁺

CM 2

CRN 55216-11-0
CMF C63 H112 O35

Absolute stereochemistry.



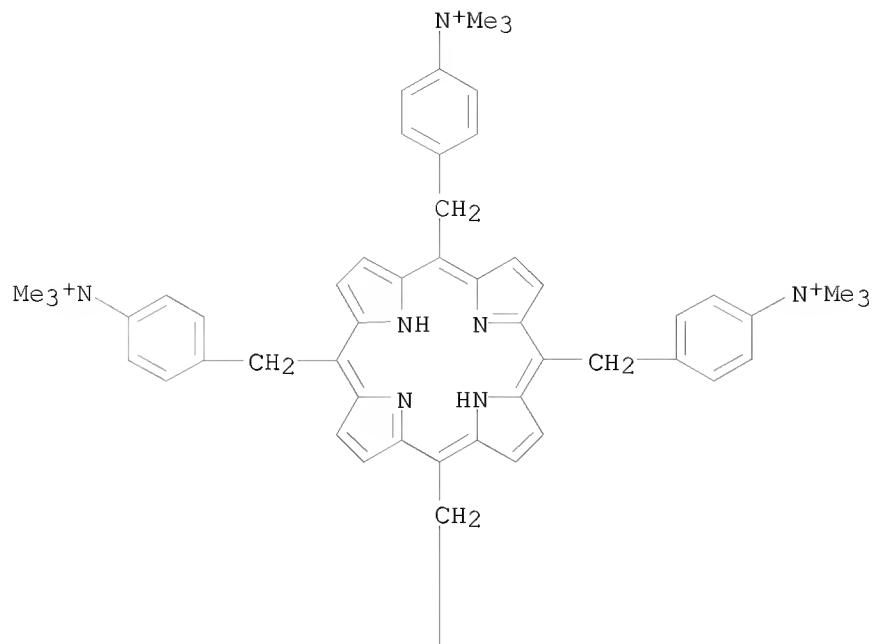
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 97 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 639504-83-9 REGISTRY
 ED Entered STN: 20 Jan 2004
 CN β -Cyclodextrin, compd. with 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethylbenzenaminium] conjugate diacid (2:1) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C60 H70 N8 . 2 C42 H70 O35 . 2 H
 SR CA
 LC STN Files: CA, CAPLUS

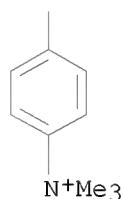
CM 1

CRN 639504-82-8 (205941-70-4)
 CMF C60 H70 N8 . 2 H

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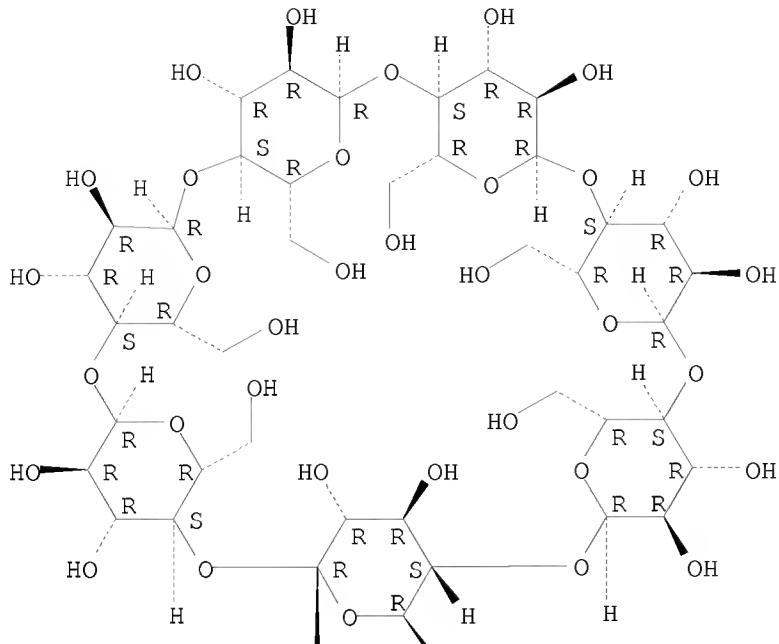


● 2 H⁺

CM 2

CRN 7585-39-9
CMF C42 H70 O35

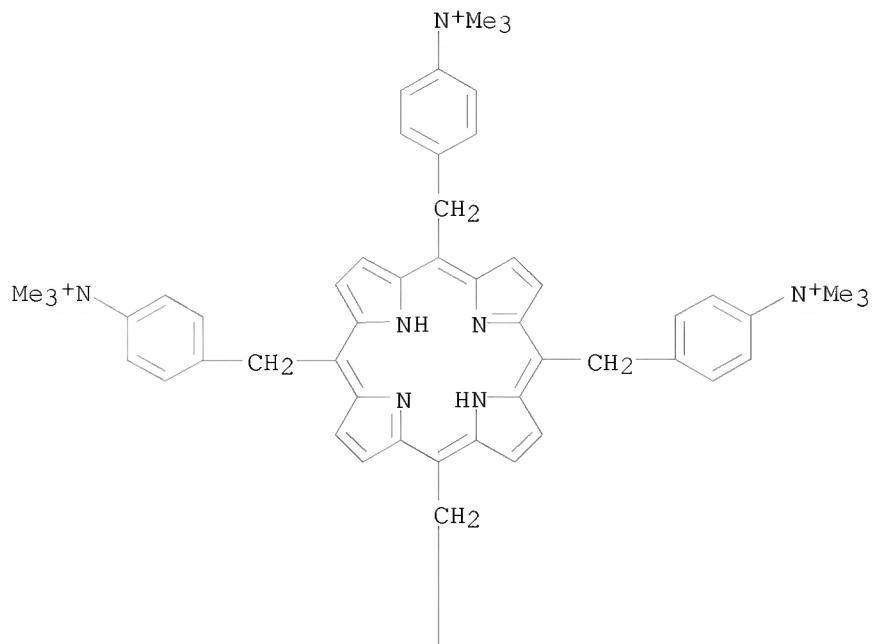
Absolute stereochemistry.



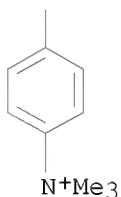
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 98 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 639504-82-8 REGISTRY
 ED Entered STN: 20 Jan 2004
 CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethyl-, conjugate diacid (9CI) (CA INDEX NAME)
 MF C60 H70 N8 . 2 H
 CI COM
 SR CA
 CRN (205941-70-4)

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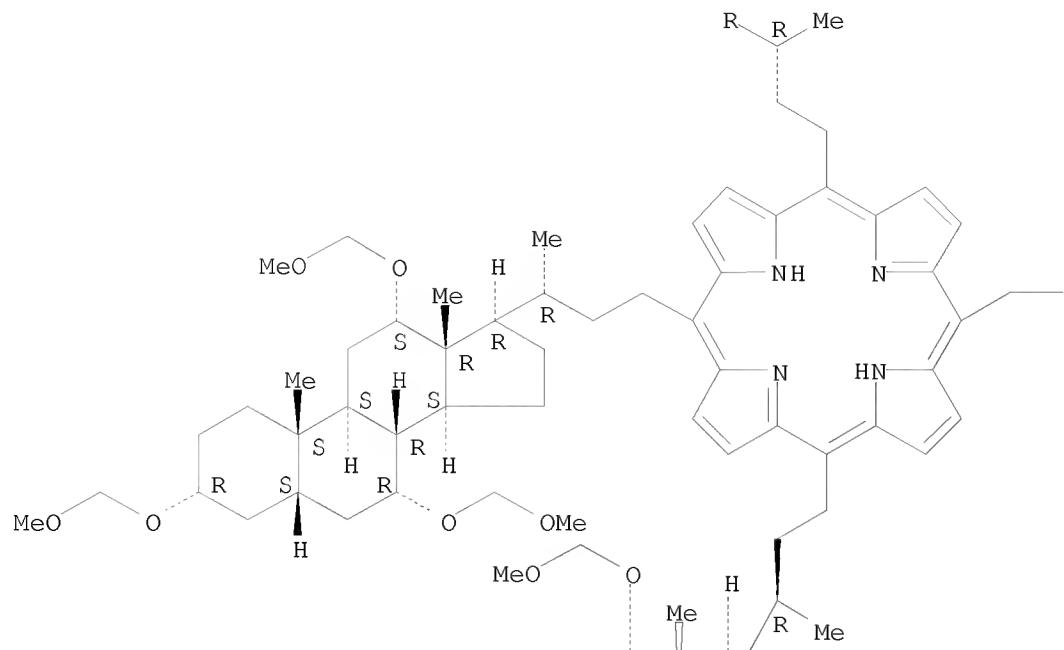


●2 H⁺

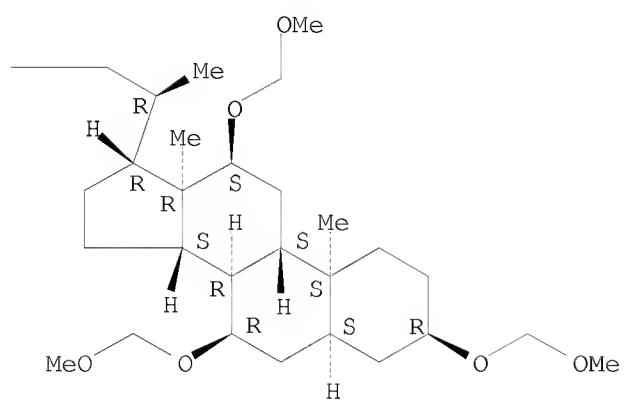
L14 ANSWER 99 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 637350-99-3 REGISTRY
ED Entered STN: 14 Jan 2004
CN 21H,23H-Porphine, 5,10,15,20-
tetrakis[(3 α ,5 β ,7 α ,12 α)-3,7,12-tris(methoxymethoxy)-
24-norcholan-23-yl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C136 H214 N4 O24
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

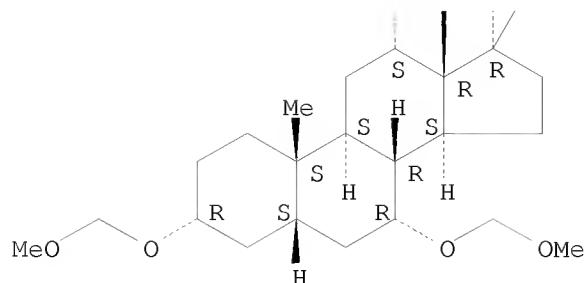
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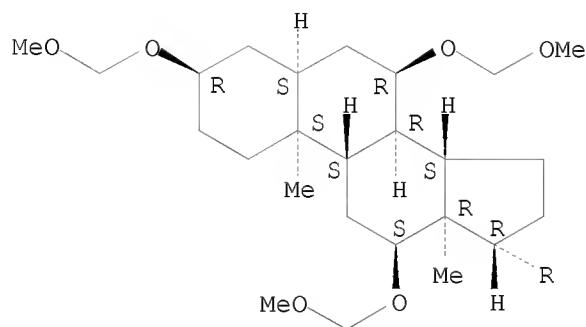
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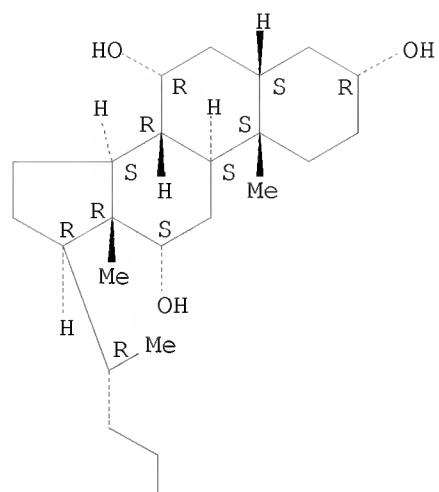
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

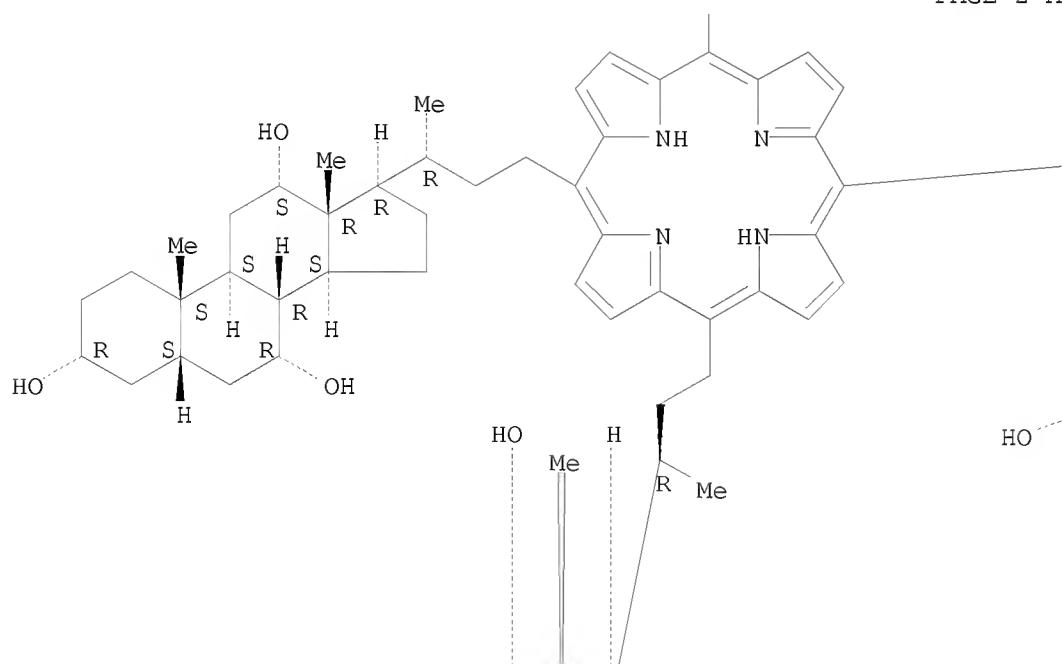
L14 ANSWER 100 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 637350-95-9 REGISTRY
ED Entered STN: 14 Jan 2004
CN 24-Norcholeane-3,7,12-triol, 23,23',23'',23'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetraakis-, (3 α ,5 β ,7 α ,12 α)-
(3' α ,5' β ,7' α ,12' α)-
(3'' α ,5'' β ,7'' α ,12'' α)-
(3''' α ,5''' β ,7''' α ,12''' α)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C112 H166 N4 O12
SR CA
LC STN Files: CA, CAPLUS

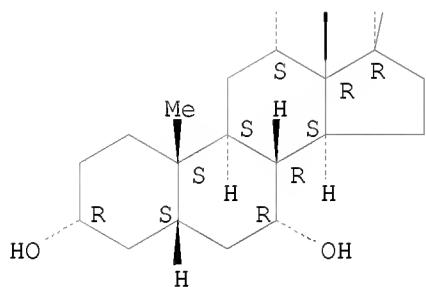
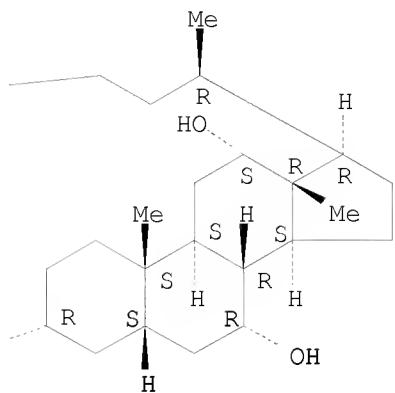
Absolute stereochemistry.

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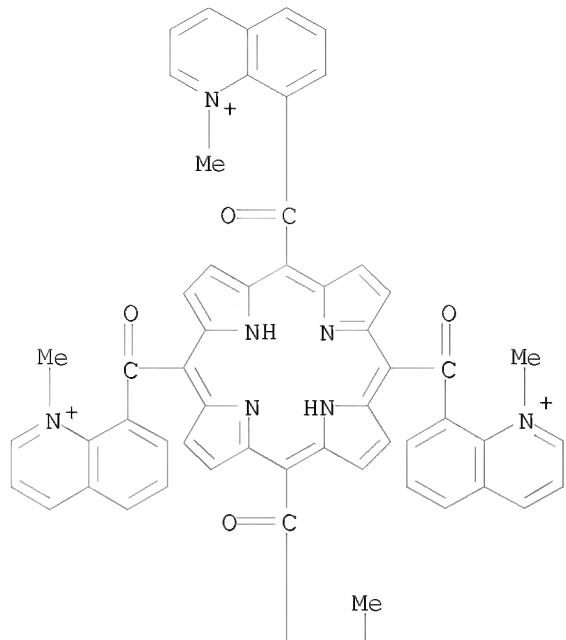


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

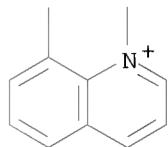
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 101 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 477841-47-7 REGISTRY
 ED Entered STN: 31 Dec 2002
 CN Quinolinium, 8,8',8'',8'''-(21H,23H-porphine-5,10,15,20-tetrayltetracarbonyl)tetrakis[1-methyl-, tetraiodide (9CI) (CA INDEX NAME)
 MF C64 H46 N8 O4 . 4 I
 SR CA
 LC STN Files: CA, CAPLUS
 CRN (773050-21-8)

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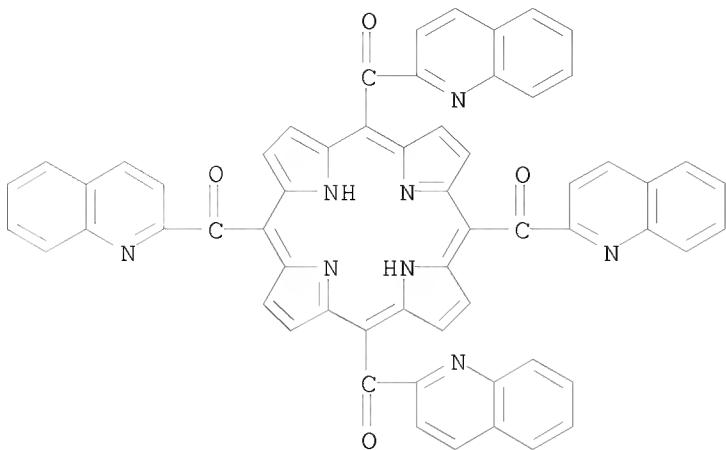
PAGE 2-A



● 4 I-

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

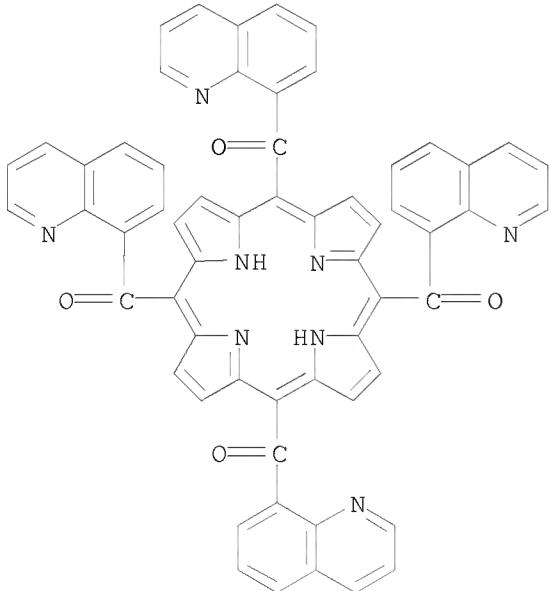
L14 ANSWER 102 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 477841-46-6 REGISTRY
ED Entered STN: 31 Dec 2002
CN Methanone, 21H,23H-porphine-5,10,15,20-tetrayltetrakis[2-quinoliny]- (9CI)
(CA INDEX NAME)
MF C60 H34 N8 O4
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

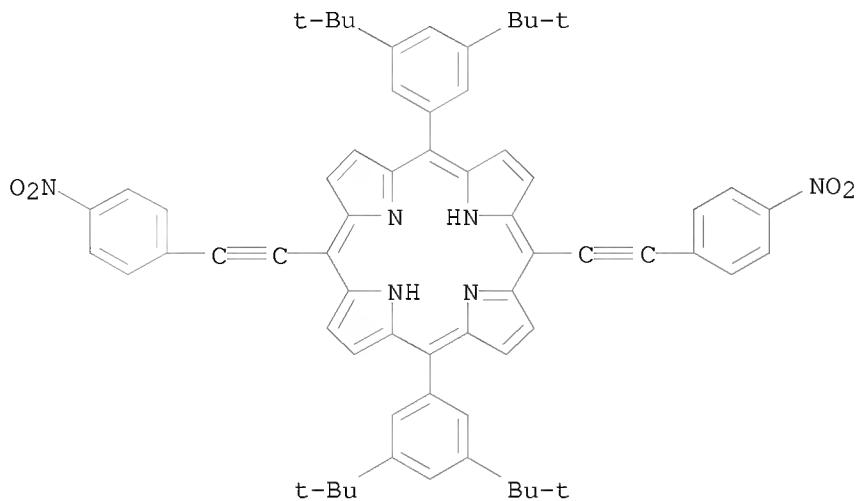
L14 ANSWER 103 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 477841-45-5 REGISTRY
 ED Entered STN: 31 Dec 2002
 CN Methanone, 21H,23H-porphine-5,10,15,20-tetrayltetrakis[8-quinolinyl- (9CI)
 (CA INDEX NAME)
 MF C60 H34 N8 O4
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

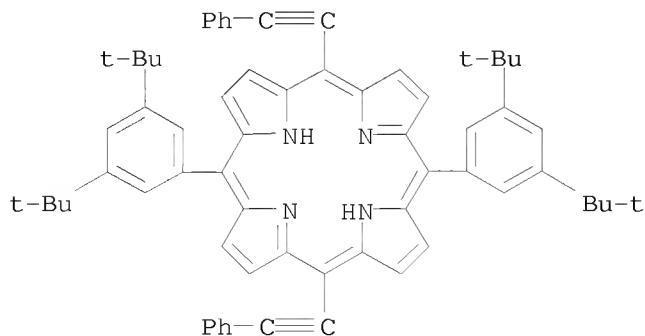
L14 ANSWER 104 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 438544-22-0 REGISTRY
ED Entered STN: 15 Jul 2002
CN 21H,23H-Porphine, 5,15-bis[3,5-bis(1,1-dimethylethyl)phenyl]-10,20-bis[(4-nitrophenyl)ethynyl]- (9CI) (CA INDEX NAME)
MF C64 H60 N6 O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 105 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 438544-21-9 REGISTRY
ED Entered STN: 15 Jul 2002
CN 21H,23H-Porphine, 5,15-bis[3,5-bis(1,1-dimethylethyl)phenyl]-10,20-bis(phenylethynyl)- (9CI) (CA INDEX NAME)
MF C64 H62 N4
SR CA
LC STN Files: CA, CAPLUS, CASREACT

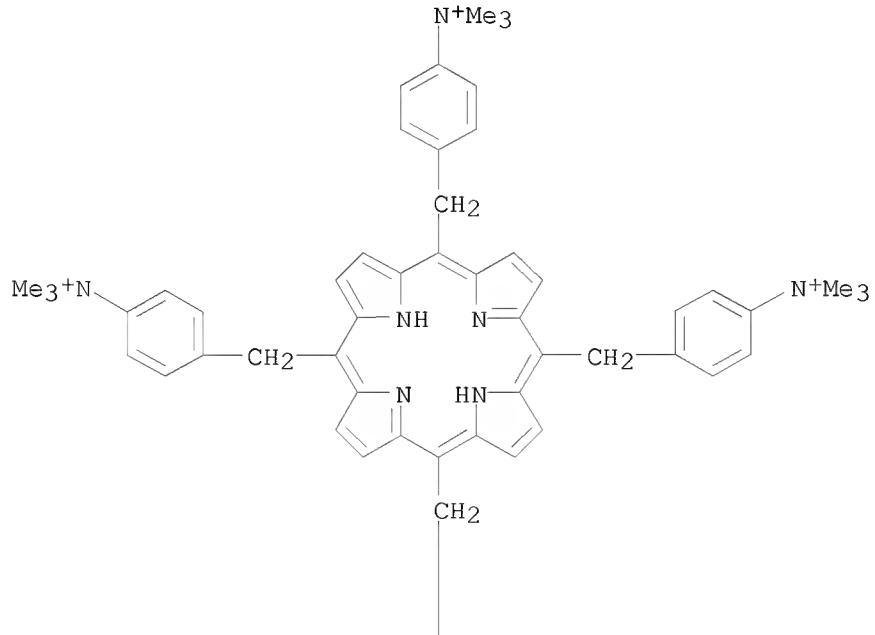


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

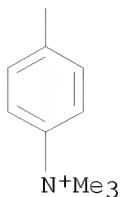
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 106 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 364601-03-6 REGISTRY
ED Entered STN: 25 Oct 2001
CN β -Cyclodextrin, 2A,2B,2C,2D,2E,2F,2G,3A,3B,3C,3D,3E,3F,3G,6A,6B,6C,6D,6E,6F,6G-heneicosanoate, compd. with 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethylbenzenaminium] (2:1) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethyl-, compd. with 2A,2B,2C,2D,2E,2F,2G,3A,3B,3C,3D,3E,3F,3G,6A,6B,6C,6D,6E,6F,6G-heneicosanoate-methyl- β -cyclodextrin (1:2) (9CI)
FS STEREOSEARCH
MF C63 H112 O35 . 1/2 C60 H70 N8
SR CA
LC STN Files: CA, CAPLUS
CM 1
CRN 205941-70-4
CMF C60 H70 N8

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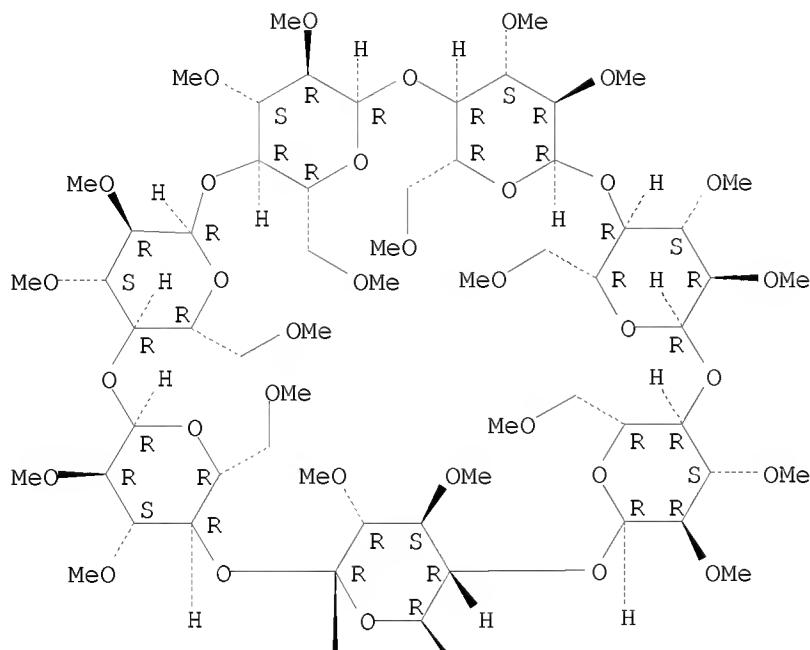


CM 2

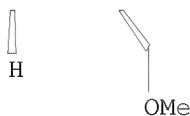
CRN 55216-11-0
CMF C63 H112 O35

Absolute stereochemistry.

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2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 107 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 364601-02-5 REGISTRY

ED Entered STN: 25 Oct 2001

CN γ -Cyclodextrin, compd. with 4,4',4'',4'''-[21H,23H-porphine-

5,10,15,20-tetrayltetrakis(methylene)tetraakis[N,N,N-trimethylbenzenaminium] (2:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)tetraakis[N,N,N-trimethyl-, compd. with γ -cyclodextrin (1:2) (9CI)

FS STEREOSEARCH

MF C60 H70 N8 . 2 C48 H80 O40

SR CA

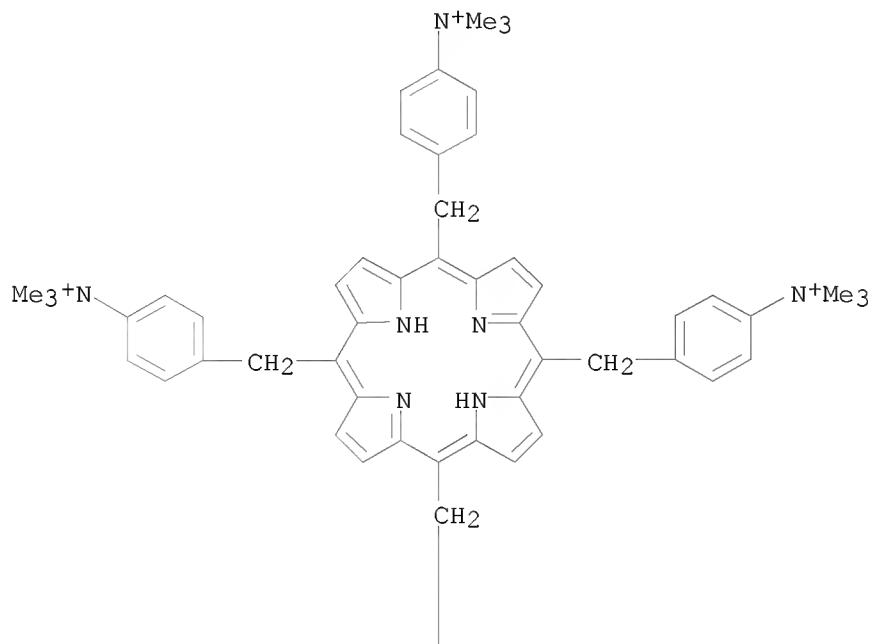
LC STN Files: CA, CAPLUS

CM 1

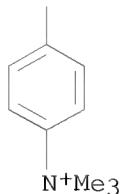
CRN 205941-70-4

CMF C60 H70 N8

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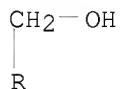
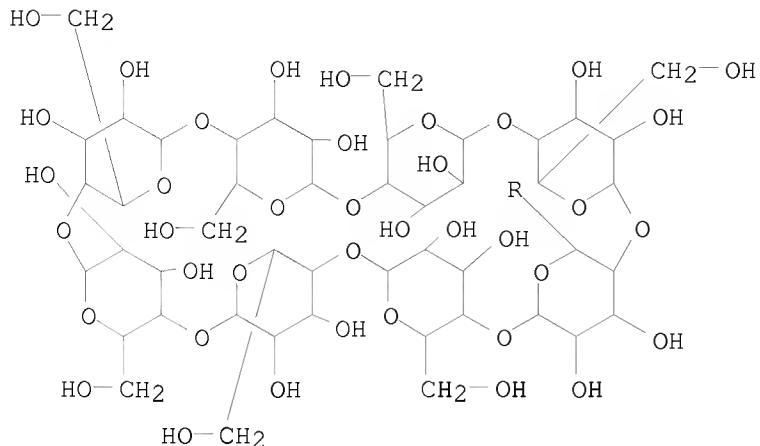
PAGE 2-A



CM 2

CRN 17465-86-0

CMF C48 H80 O40



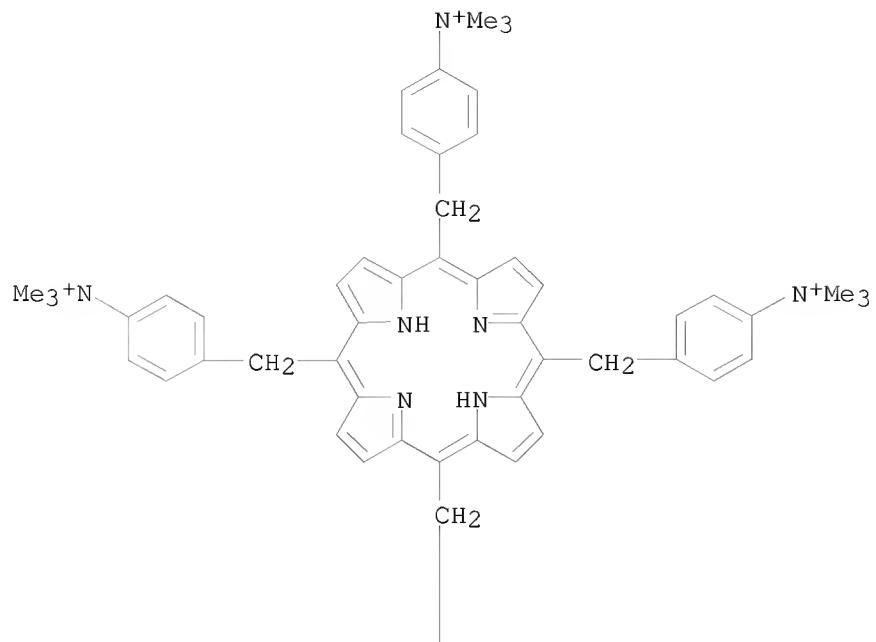
2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 108 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 364600-99-7 REGISTRY
 ED Entered STN: 25 Oct 2001
 CN β -Cyclodextrin, compd. with 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethylbenzenaminium] (2:1) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethyl-, compd. with β -cyclodextrin (1:2) (9CI)
 FS STEREOSEARCH
 MF C60 H70 N8 . 2 C42 H70 O35
 SR CA
 LC STN Files: CA, CAPLUS

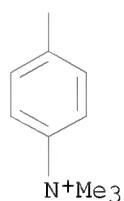
CM 1

CRN 205941-70-4
 CMF C60 H70 N8

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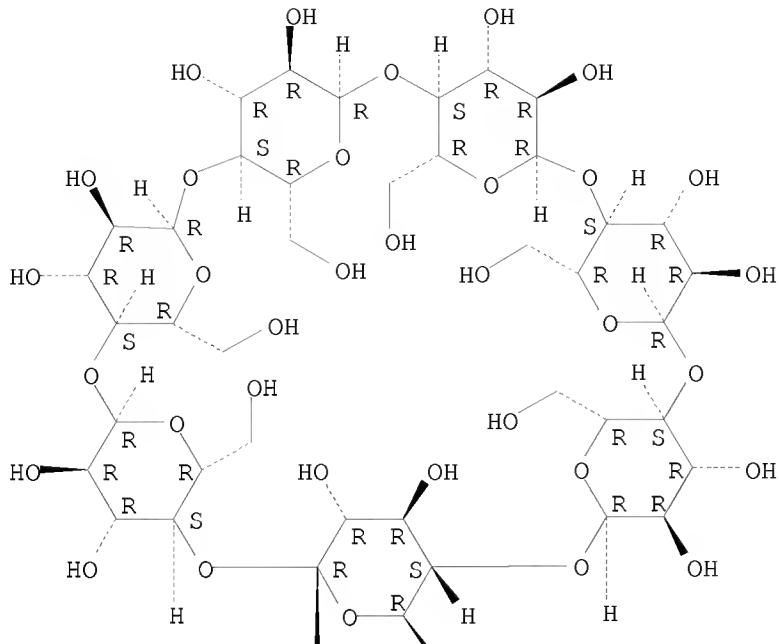
PAGE 2-A



CM 2

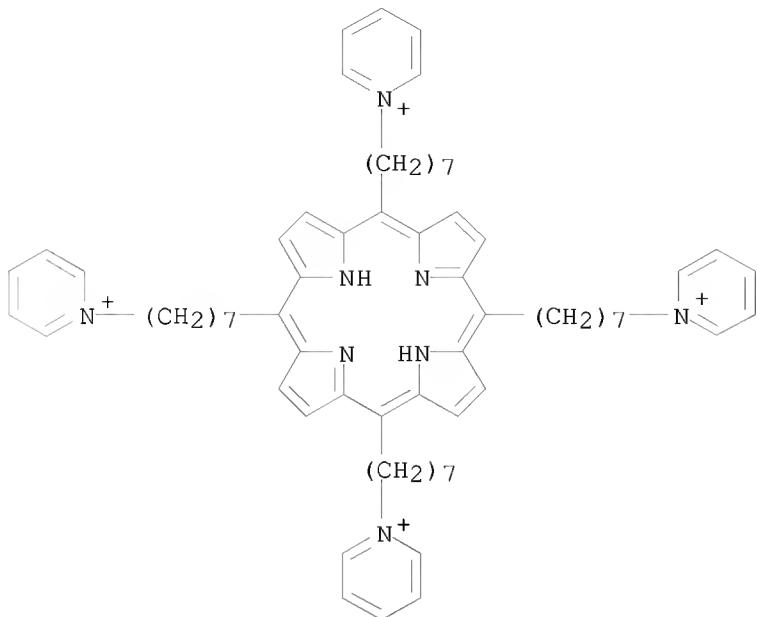
CRN 7585-39-9
CMF C42 H70 O35

Absolute stereochemistry.



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

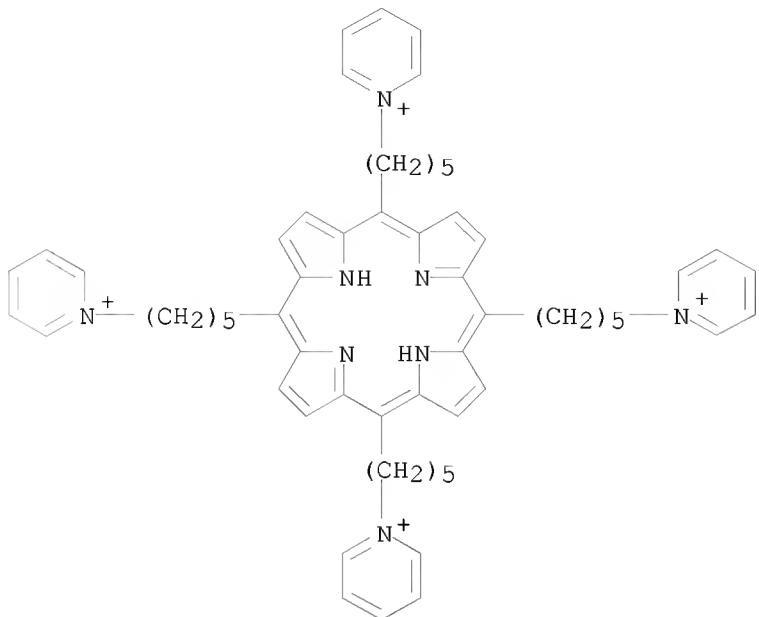
L14 ANSWER 109 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 294179-09-2 REGISTRY
 ED Entered STN: 10 Oct 2000
 CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-7,1-heptanediyyl)tetrakis-, tetrachloride (9CI) (CA INDEX NAME)
 MF C68 H86 N8 . 4 Cl
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT
 CRN (735254-91-8)



● 4 Cl⁻

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

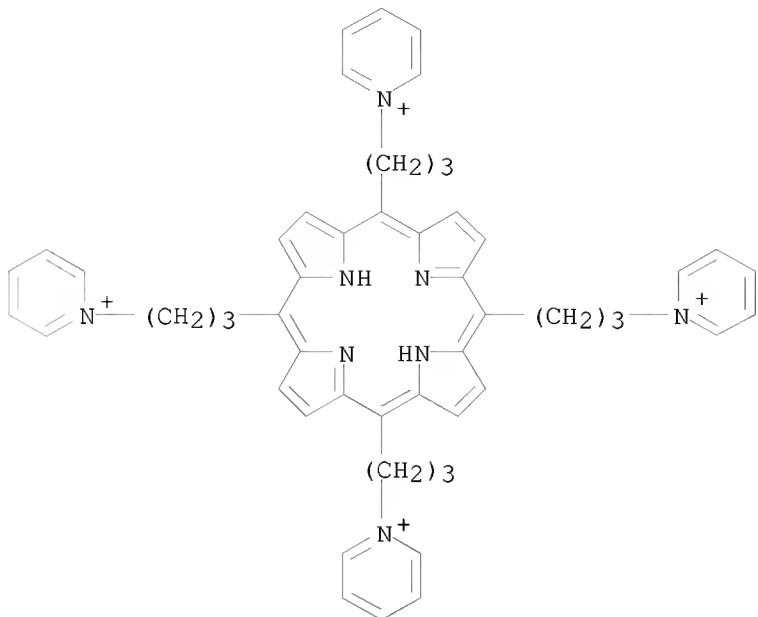
L14 ANSWER 110 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 294179-07-0 REGISTRY
 ED Entered STN: 10 Oct 2000
 CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-5,1-pentanediyl)tetrakis-, tetrachloride (9CI) (CA INDEX NAME)
 MF C₆₀ H₇₀ N₈ . 4 Cl
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT
 CRN (782438-46-4)



● 4 Cl⁻

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

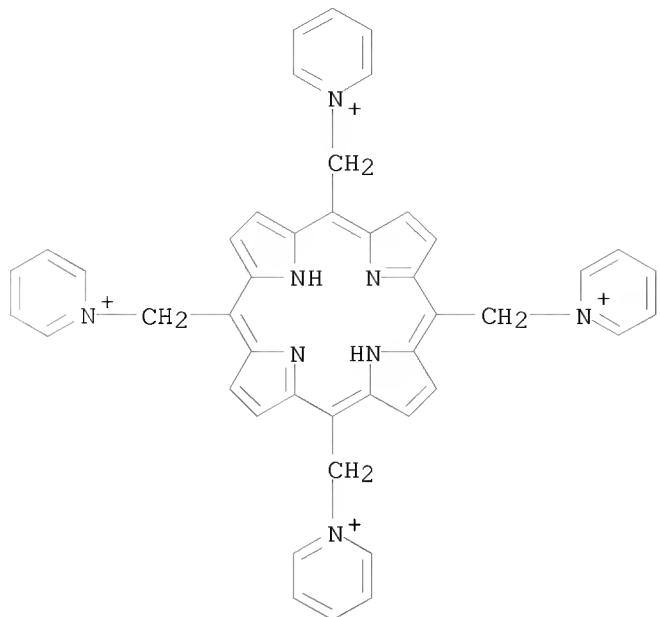
L14 ANSWER 111 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 294179-05-8 REGISTRY
 ED Entered STN: 10 Oct 2000
 CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-3,1-propanediyl)tetrakis-, tetrachloride (9CI) (CA INDEX NAME)
 MF C52 H54 N8 . 4 Cl
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT
 CRN (749196-97-2)



● 4 Cl⁻

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

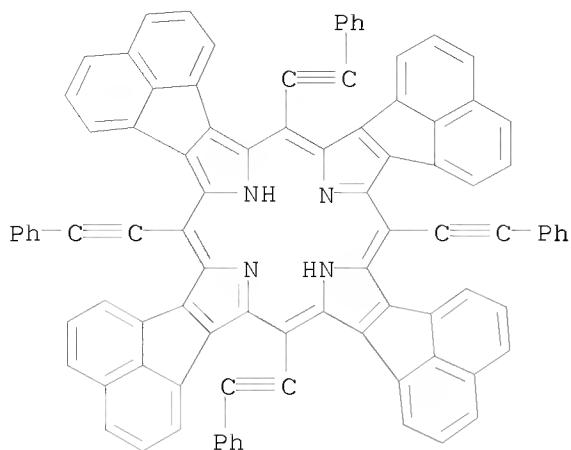
L14 ANSWER 112 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 274922-91-7 REGISTRY
 ED Entered STN: 06 Jul 2000
 CN Pyridinium, 1,1',1'',1'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis-, tetrachloride (9CI) (CA INDEX NAME)
 MF C44 H38 N8 . 4 Cl
 SR CA
 LC STN Files: CA, CAPLUS
 CRN (80202-45-5)



● 4 Cl⁻

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 113 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 262281-03-8 REGISTRY
 ED Entered STN: 18 Apr 2000
 CN 37H,39H-Tetraacenaphtho[1,2-b:1',2'-g:1'',2''-l:1''',2'''-q]porphine,
 8,17,26,35-tetrakis(phenylethyynyl)- (9CI) (CA INDEX NAME)
 MF C92 H46 N4
 SR CA
 LC STN Files: CA, CAPLUS

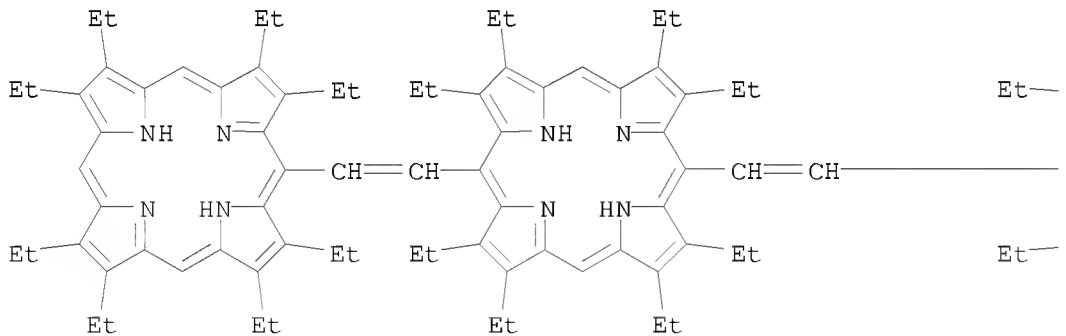


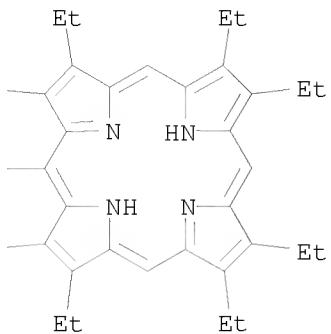
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1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 114 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 245059-63-6 REGISTRY
 ED Entered STN: 22 Oct 1999
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[(1E)-2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-, radical ion(6+) (9CI) (CA INDEX NAME)
 MF C112 H138 N12
 CI RIS
 SR CA
 LC STN Files: CA, CAPLUS

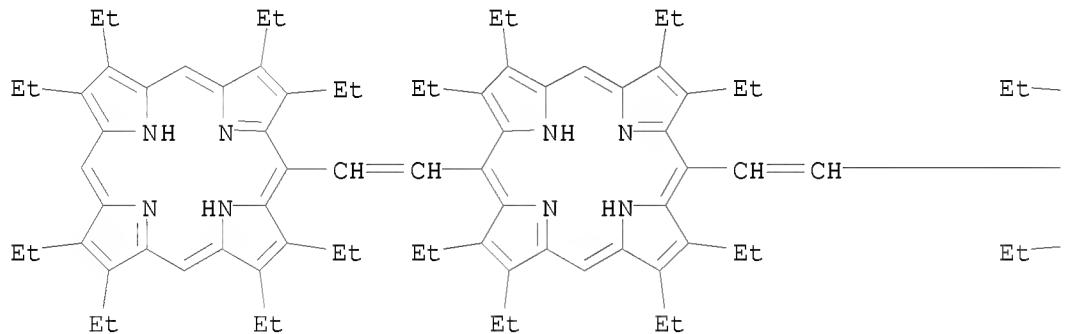
PAGE 1-A

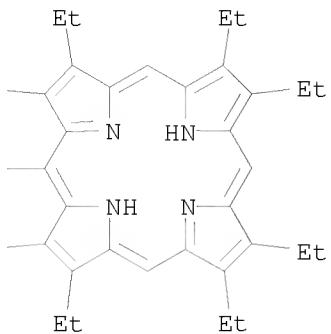




1 REFERENCES IN FILE CA (1907 TO DATE)
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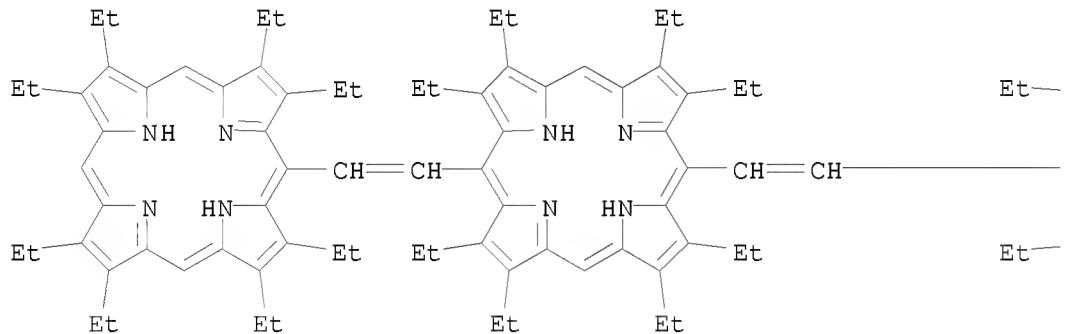
L14 ANSWER 115 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 245059-51-2 REGISTRY
 ED Entered STN: 22 Oct 1999
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[(1E)-2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-, radical ion(3+) (9CI) (CA INDEX NAME)
 MF C112 H138 N12
 CI RIS
 SR CA
 LC STN Files: CA, CAPLUS

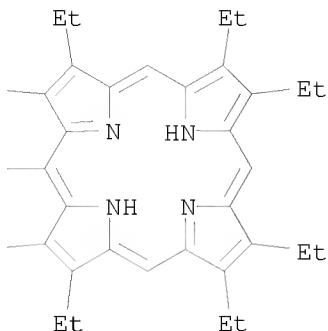




1 REFERENCES IN FILE CA (1907 TO DATE)
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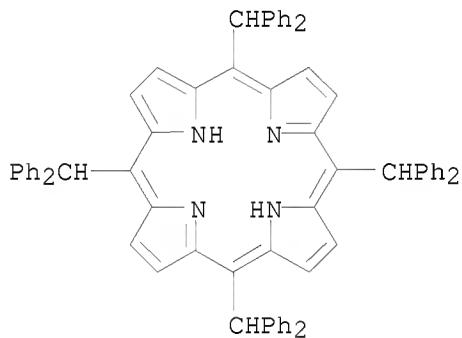
L14 ANSWER 116 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 245059-14-7 REGISTRY
 ED Entered STN: 22 Oct 1999
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[(1E)-2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-, radical ion(2+) (9CI) (CA INDEX NAME)
 MF C112 H138 N12
 CI RIS
 SR CA
 LC STN Files: CA, CAPLUS





1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 117 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 231956-41-5 REGISTRY
 ED Entered STN: 11 Aug 1999
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(diphenylmethyl)- (CA INDEX NAME)
 MF C72 H54 N4
 SR CA
 LC STN Files: CA, CAPLUS

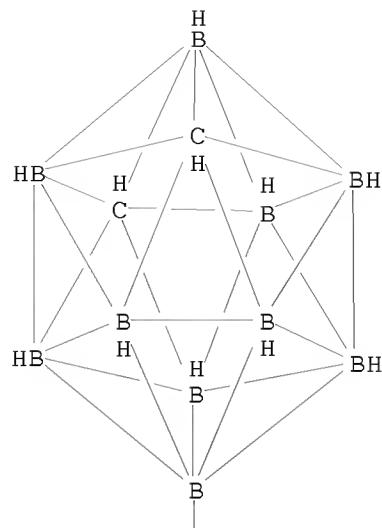


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

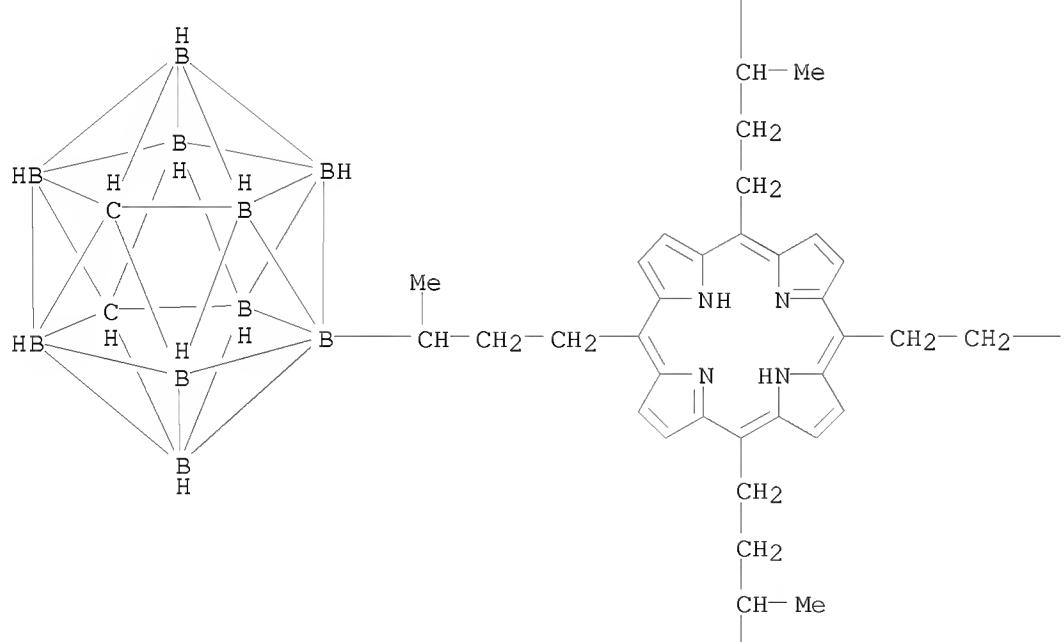
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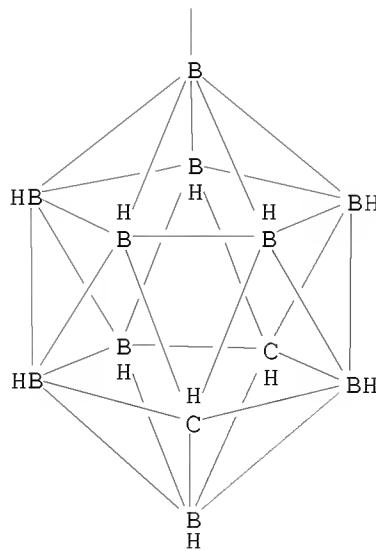
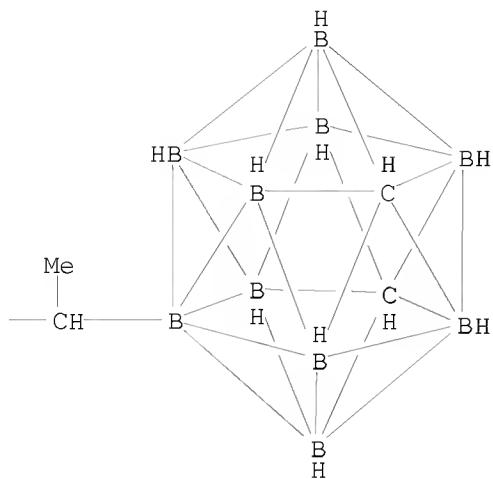
L14 ANSWER 118 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 207905-76-8 REGISTRY
 ED Entered STN: 02 Jul 1998
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[3-(1,7-dicarbadodecaboran(12)-9-yl)butyl]- (9CI) (CA INDEX NAME)
 MF C44 H86 B40 N4
 SR CA
 LC STN Files: CA, CAPLUS

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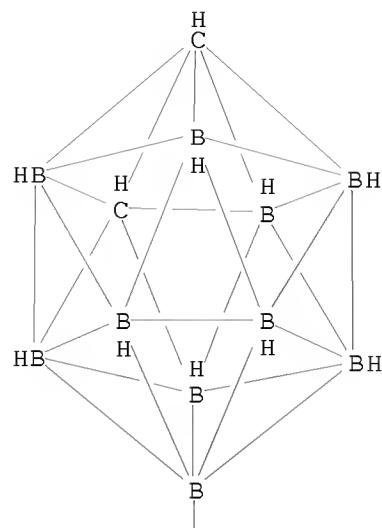




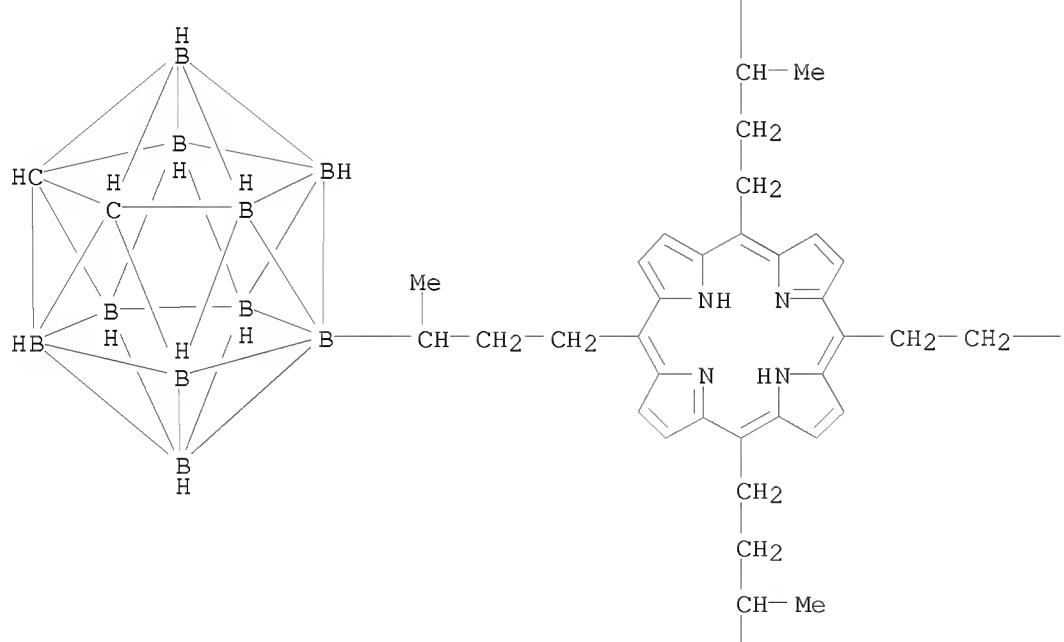
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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

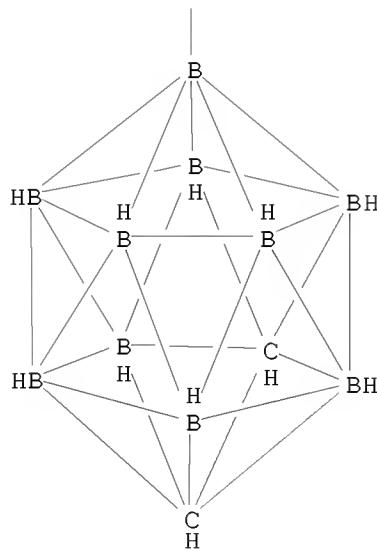
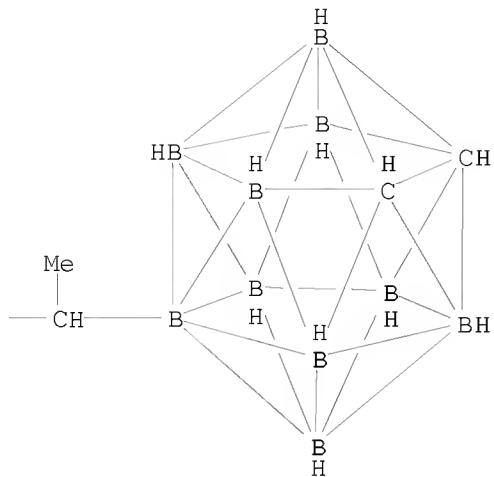
L14 ANSWER 119 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 207905-75-7 REGISTRY
 ED Entered STN: 02 Jul 1998
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[3-(1,2-dicarbadodecaboran(12)-9-yl)butyl]- (9CI) (CA INDEX NAME)
 MF C44 H86 B40 N4
 SR CA
 LC STN Files: CA, CAPLUS

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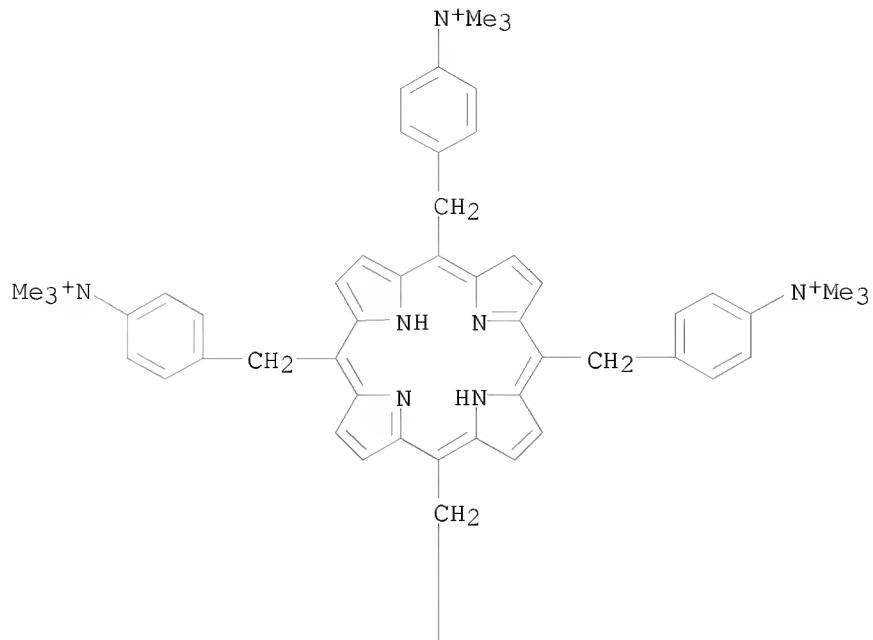




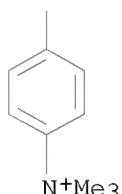
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 120 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 205941-70-4 REGISTRY
 ED Entered STN: 27 May 1998
 CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethyl- (9CI) (CA INDEX NAME)
 MF C60 H70 N8
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

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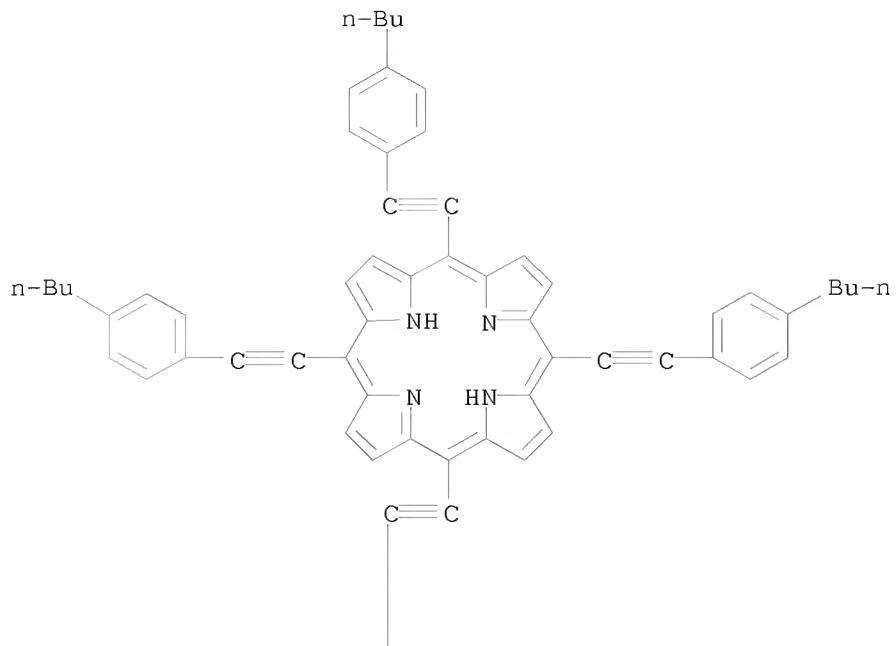
PAGE 2-A



5 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 121 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 202524-80-9 REGISTRY
ED Entered STN: 12 Mar 1998
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(4-butylphenyl)ethynyl]- (9CI) (CA
INDEX NAME)
MF C68 H62 N4
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

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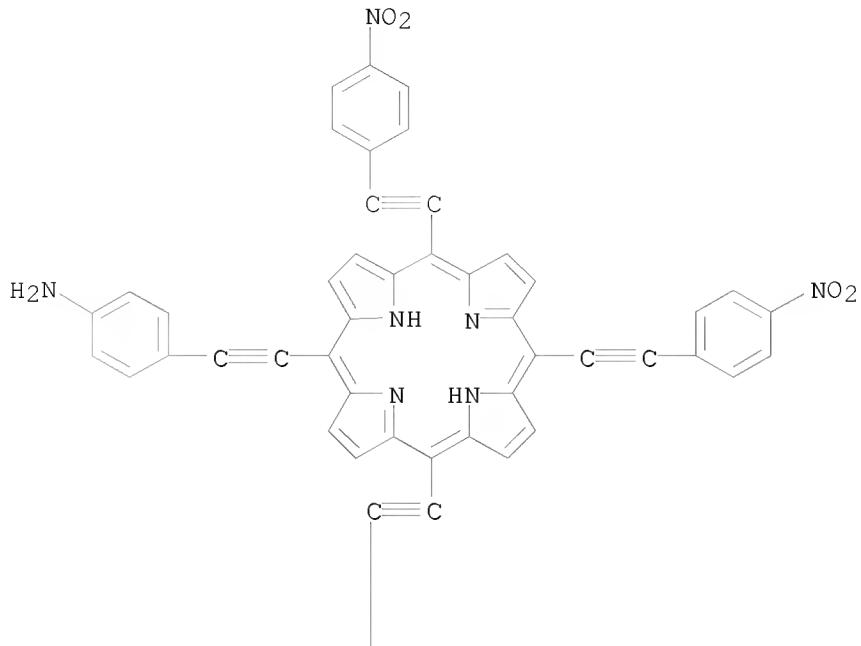
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

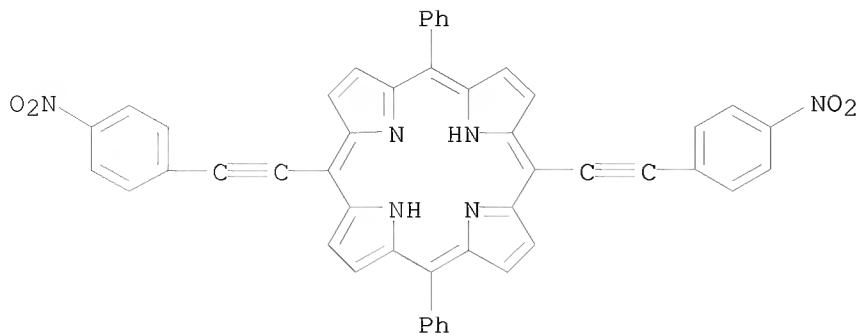
L14 ANSWER 122 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 202148-42-3 REGISTRY
ED Entered STN: 04 Mar 1998
CN Benzenamine, 4,4'-[15,20-bis[(4-nitrophenyl)ethynyl]-21H,23H-porphine-5,10-diyl]di-2,1-ethynediyl]bis- (9CI) (CA INDEX NAME)
MF C52 H30 N8 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 123 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 199394-07-5 REGISTRY
 ED Entered STN: 06 Jan 1998
 CN 21H,23H-Porphine, 5,15-bis[(4-nitrophenyl)ethynyl]-10,20-diphenyl- (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN 5,15-Bis[(4'-nitrophenyl)ethynyl]-10,20-diphenylporphine
 MF C48 H28 N6 O4
 SR CA
 LC STN Files: CA, CAPLUS

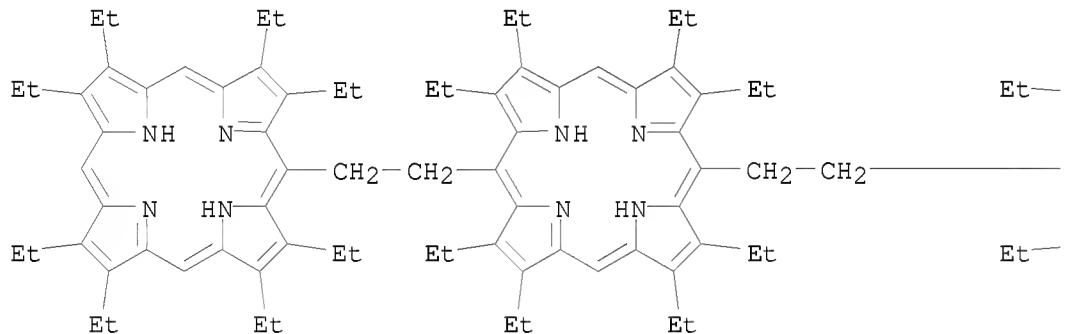


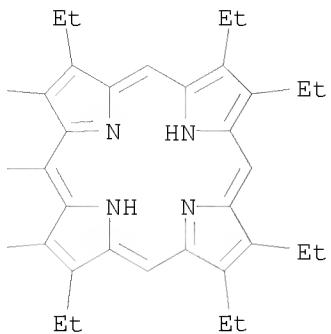
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 124 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 194660-12-3 REGISTRY
 ED Entered STN: 30 Sep 1997
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethyl]- (CA INDEX NAME)
 MF C112 H142 N12
 SR CA
 LC STN Files: CA, CAPLUS

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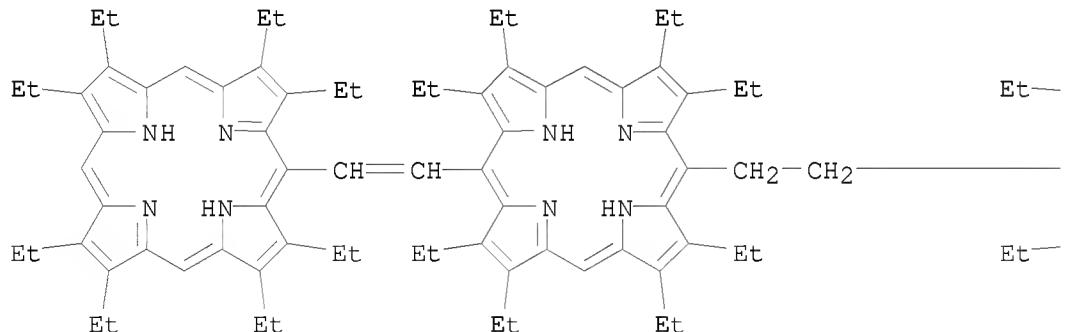


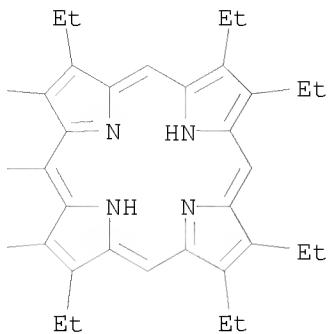


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 125 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 194660-00-9 REGISTRY
 ED Entered STN: 30 Sep 1997
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5-[2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-15-[2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethyl]- (CA INDEX NAME)
 MF C112 H140 N12
 SR CA
 LC STN Files: CA, CAPLUS

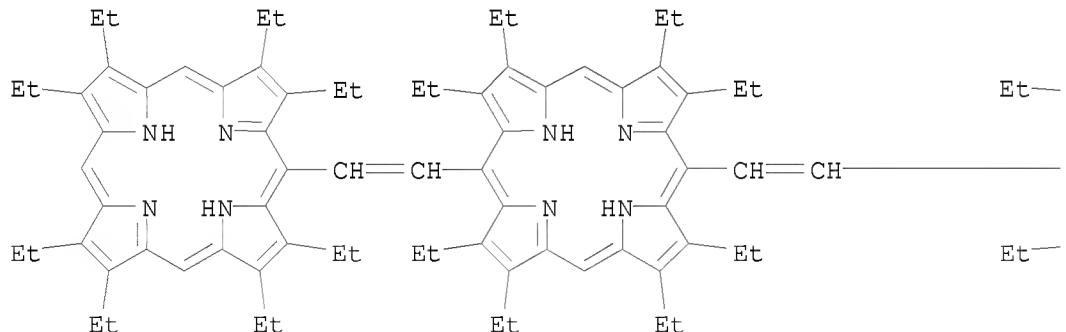


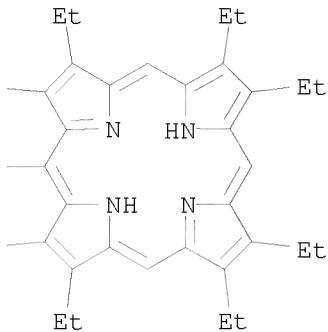


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 126 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 194659-92-2 REGISTRY
 ED Entered STN: 30 Sep 1997
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]- (CA INDEX NAME)
 MF C112 H138 N12
 SR CA
 LC STN Files: CA, CAPLUS

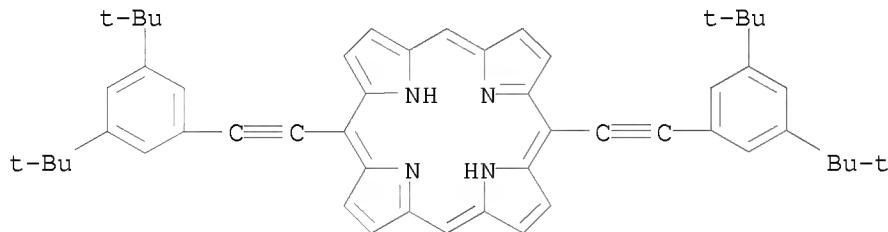




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

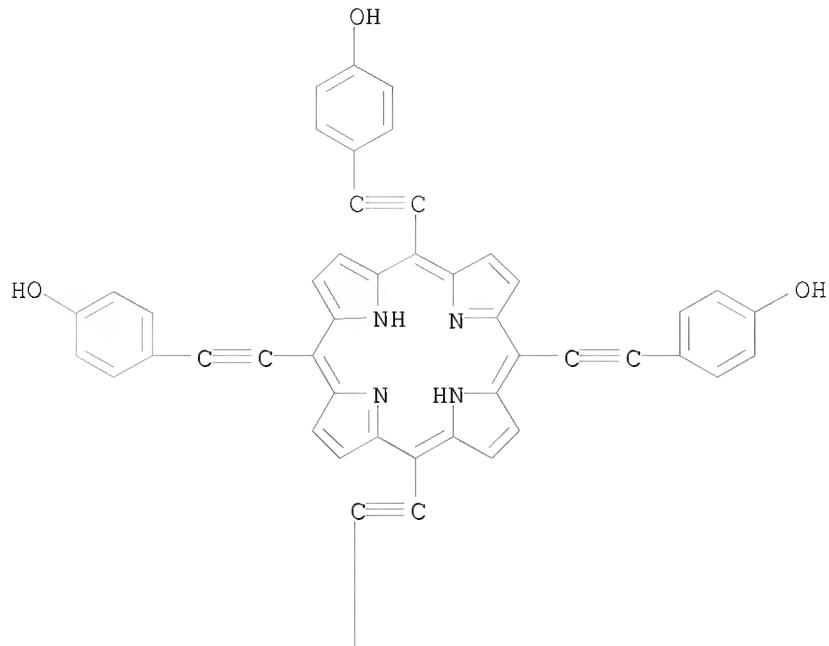
L14 ANSWER 127 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 192812-08-1 REGISTRY
 ED Entered STN: 20 Aug 1997
 CN 21H,23H-Porphine, 5,15-bis[3,5-bis(1,1-dimethylethyl)phenyl]ethynyl]-
 (9CI) (CA INDEX NAME)
 MF C52 H54 N4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

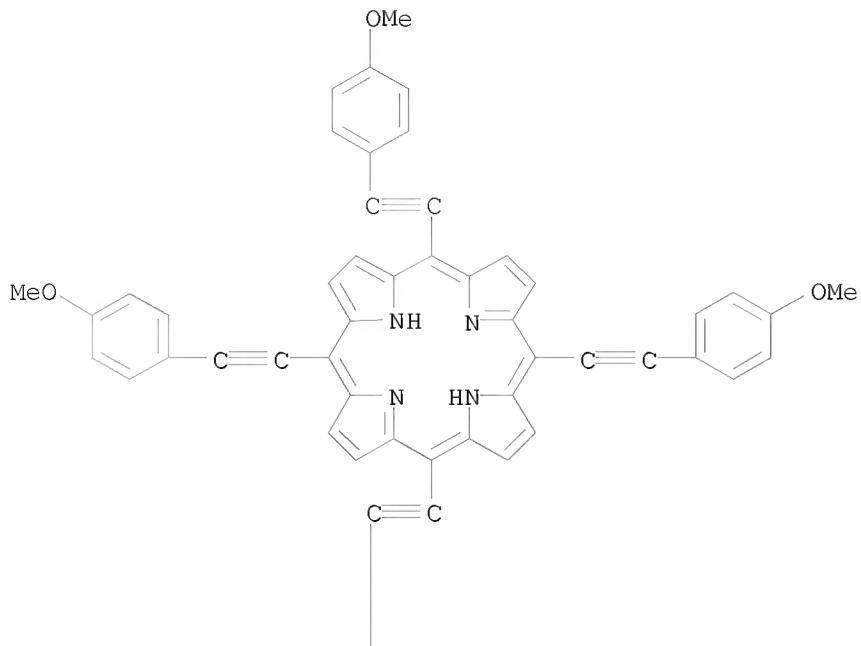
L14 ANSWER 128 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 192811-98-6 REGISTRY
 ED Entered STN: 20 Aug 1997
 CN Phenol, 4,4',4'',4'''-(21H,23H-porphinetetra-2,1-ethynediyl)tetrakis-
 (9CI) (CA INDEX NAME)
 MF C52 H30 N4 O4
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 129 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 192811-96-4 REGISTRY
 ED Entered STN: 20 Aug 1997
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(4-methoxyphenyl)ethynyl]- (9CI)
 (CA INDEX NAME)
 MF C56 H38 N4 O4
 SR CA
 LC STN Files: CA, CAPLUS

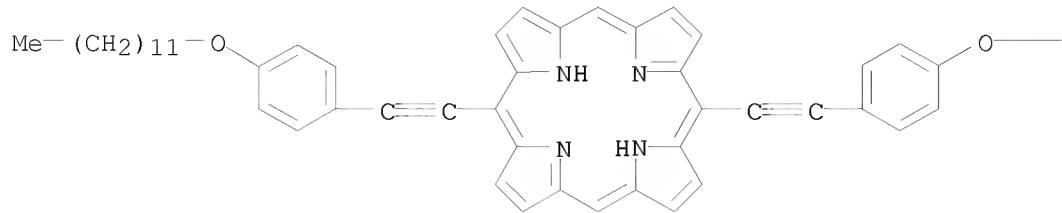


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 130 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 192811-92-0 REGISTRY
 ED Entered STN: 20 Aug 1997
 CN 21H,23H-Porphine, 5,15-bis[[4-(dodecyloxy)phenyl]ethynyl]- (9CI) (CA
 INDEX NAME)
 MF C60 H70 N4 O2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

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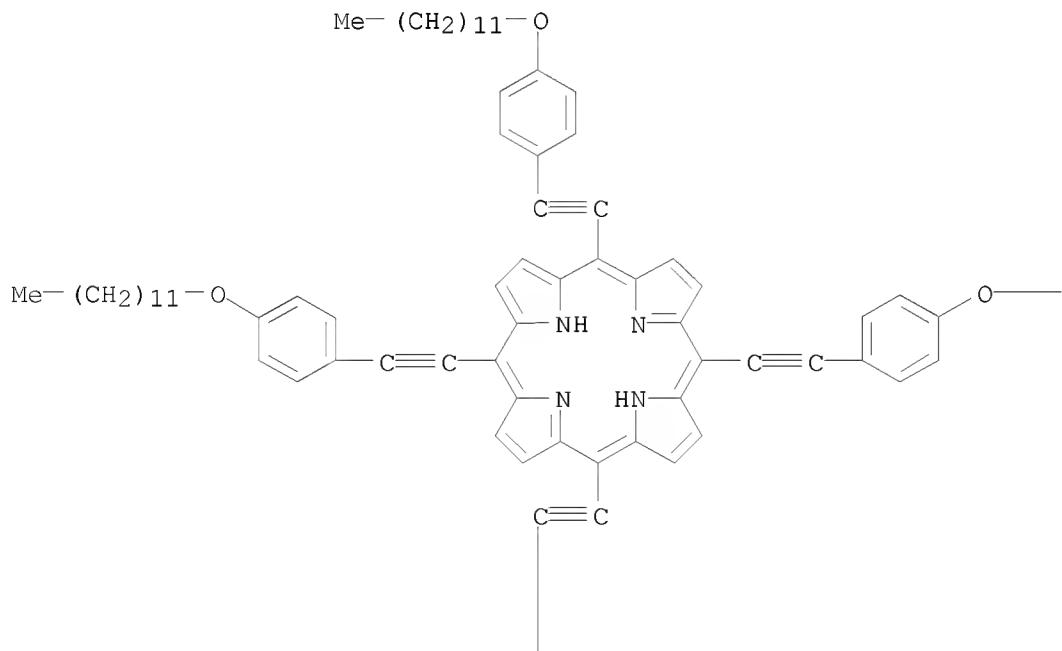
— (CH₂)₁₁—Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 131 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 192811-86-2 REGISTRY
ED Entered STN: 20 Aug 1997
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[[4-(dodecyloxy)phenyl]ethynyl]- (9CI) (CA INDEX NAME)
MF C100 H126 N4 O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT

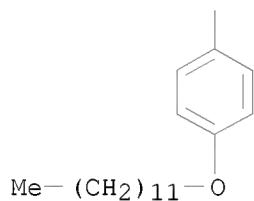
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— (CH₂)₁₁—Me

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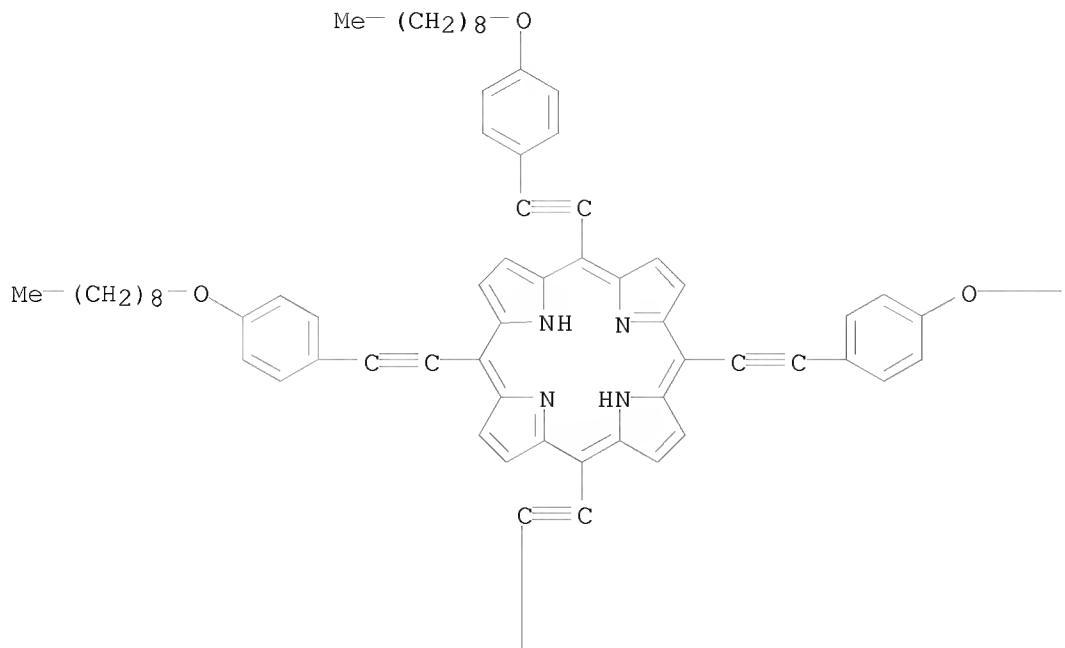


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 132 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 191589-09-0 REGISTRY
ED Entered STN: 25 Jul 1997
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[[4-(nonyloxy)phenyl]ethynyl]-,
conjugate diacid (9CI) (CA INDEX NAME)
MF C88 H102 N4 O4 . 2 H
SR CA
LC STN Files: CA, CAPLUS
CRN (172546-48-4)

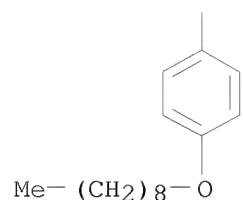
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— (CH₂)₈—Me

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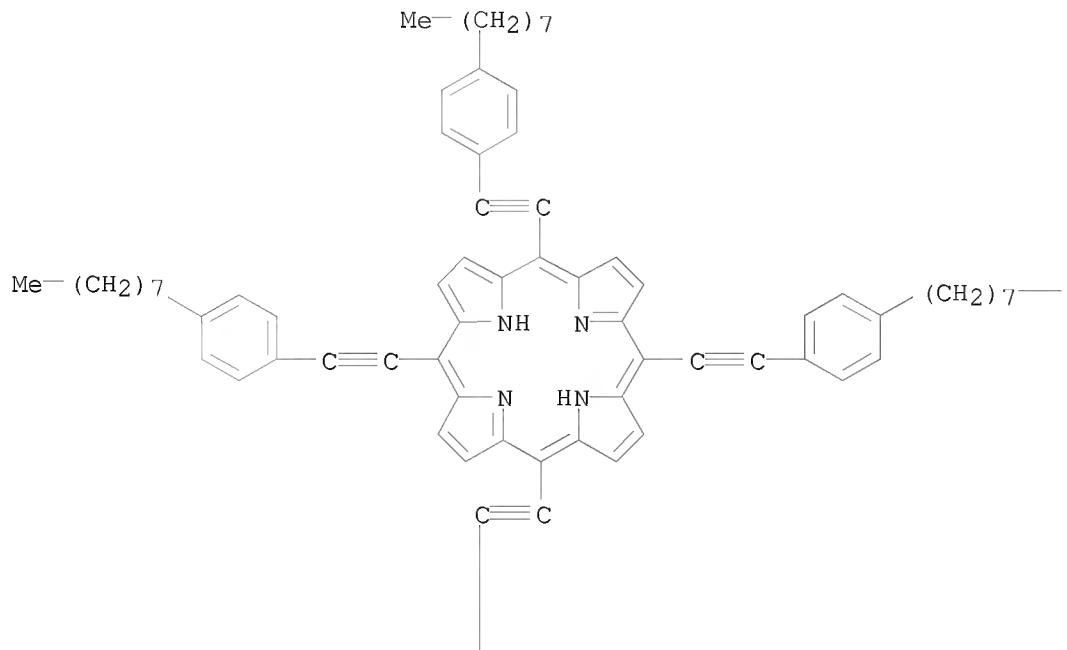


● 2 H⁺

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

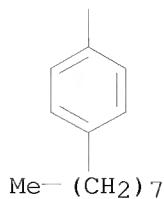
L14 ANSWER 133 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 191589-08-9 REGISTRY
ED Entered STN: 25 Jul 1997
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(4-octylphenyl)ethynyl]-, conjugate
diacid (9CI) (CA INDEX NAME)
MF C84 H94 N4 . 2 H
SR CA
LC STN Files: CA, CAPLUS
CRN (172546-47-3)

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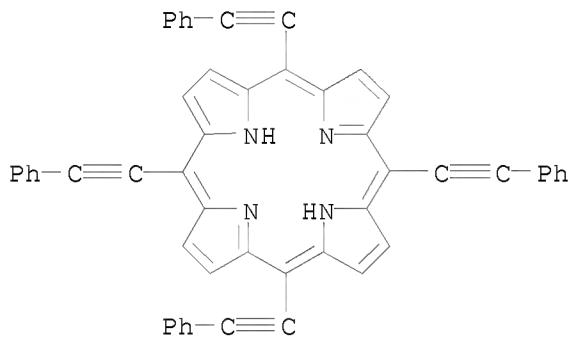
— Me



● 2 H^+

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 134 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 191589-07-8 REGISTRY
 ED Entered STN: 25 Jul 1997
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(phenylethyynyl)-, conjugate diacid (9CI) (CA INDEX NAME)
 MF C52 H30 N4 . 2 H
 SR CA
 LC STN Files: CA, CAPLUS
 CRN (142646-71-7)

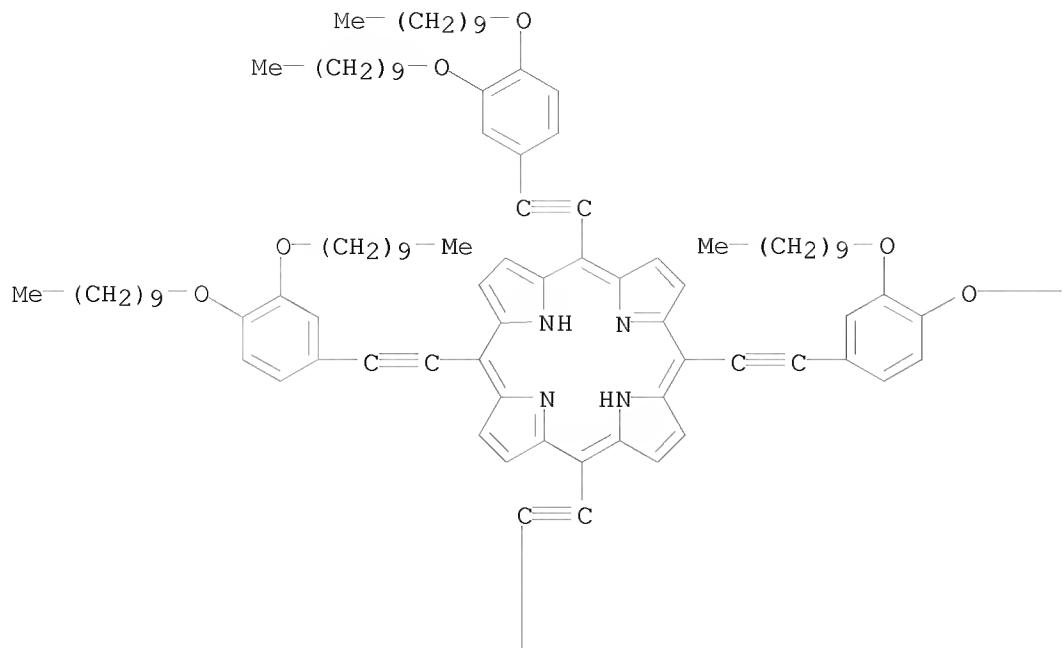


● 2 H^+

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

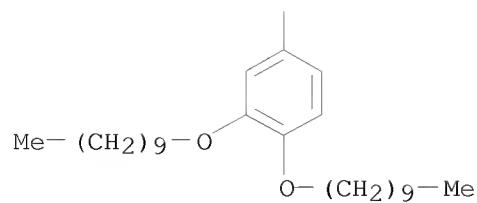
L14 ANSWER 135 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 189331-76-8 REGISTRY
 ED Entered STN: 30 May 1997
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[3,4-bis(decyloxy)phenyl]ethynyl- (9CI) (CA INDEX NAME)
 MF C132 H190 N4 O8
 SR CA
 LC STN Files: CA, CAPLUS

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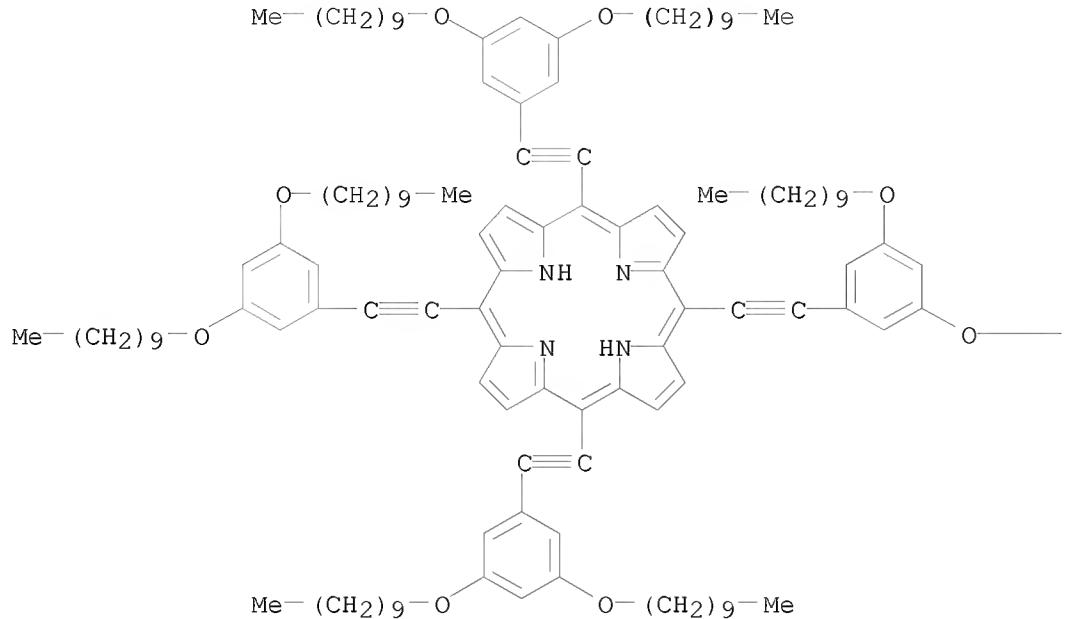


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 189331-75-7 REGISTRY
ED Entered STN: 30 May 1997
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[[3,5-bis(decyloxy)phenyl]ethynyl]-
(9CI) (CA INDEX NAME)
MF C132 H190 N4 O8
SR CA
LC STN Files: CA, CAPLUS

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— (CH₂)₉-Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

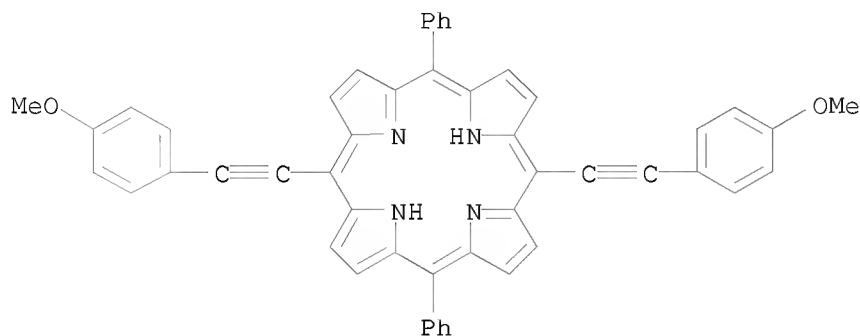
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 137 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 184099-48-7 REGISTRY
ED Entered STN: 18 Dec 1996

CN 21H,23H-Porphine, 5,15-bis[(4-methoxyphenyl)ethynyl]-10,20-diphenyl-,
 compd. with trichloromethane (1:2) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methane, trichloro-, compd. with 5,15-bis[(4-methoxyphenyl)ethynyl]-10,20-
 diphenyl-21H,23H-porphine (2:1) (9CI)
 MF C50 H34 N4 O2 . 2 C H Cl3
 SR CA
 LC STN Files: CA, CAPLUS

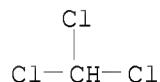
CM 1

CRN 184099-47-6
 CMF C50 H34 N4 O2



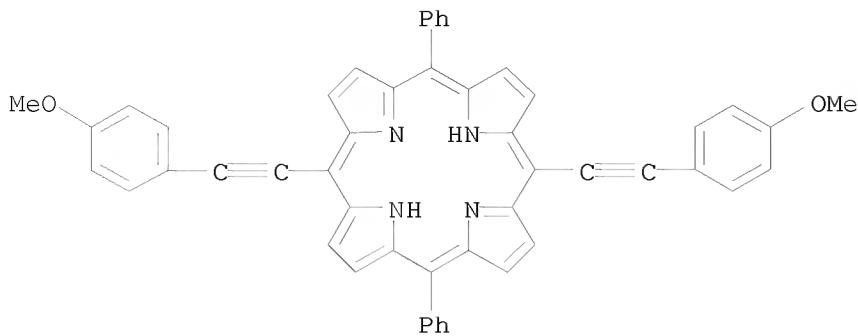
CM 2

CRN 67-66-3
 CMF C H Cl3



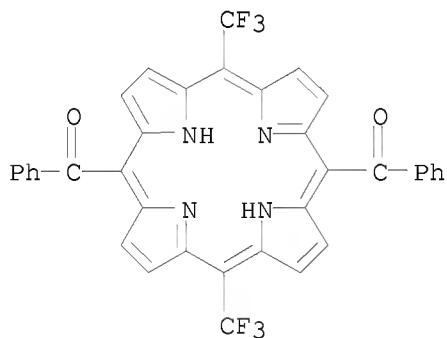
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 138 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 184099-47-6 REGISTRY
 ED Entered STN: 18 Dec 1996
 CN 21H,23H-Porphine, 5,15-bis[(4-methoxyphenyl)ethynyl]-10,20-diphenyl- (9CI)
 (CA INDEX NAME)
 MF C50 H34 N4 O2
 CI COM
 SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

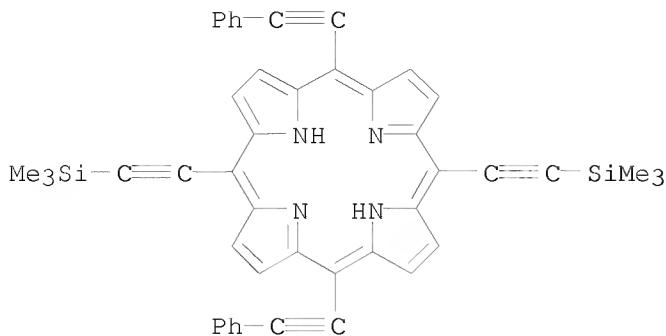
L14 ANSWER 139 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 183068-21-5 REGISTRY
 ED Entered STN: 14 Nov 1996
 CN Methanone, 1,1'-[10,20-bis(trifluoromethyl)-21H,23H-porphine-5,15-diyl]bis[1-phenyl- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methanone, [10,20-bis(trifluoromethyl)-21H,23H-porphine-5,15-diyl]bis[phenyl- (9CI)
 MF C36 H20 F6 N4 O2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 140 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 178939-94-1 REGISTRY
 ED Entered STN: 31 Jul 1996
 CN 21H,23H-Porphine, 5,15-bis(phenylethynyl)-10,20-bis[(trimethylsilyl)ethynyl]- (9CI) (CA INDEX NAME)
 MF C46 H38 N4 Si2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

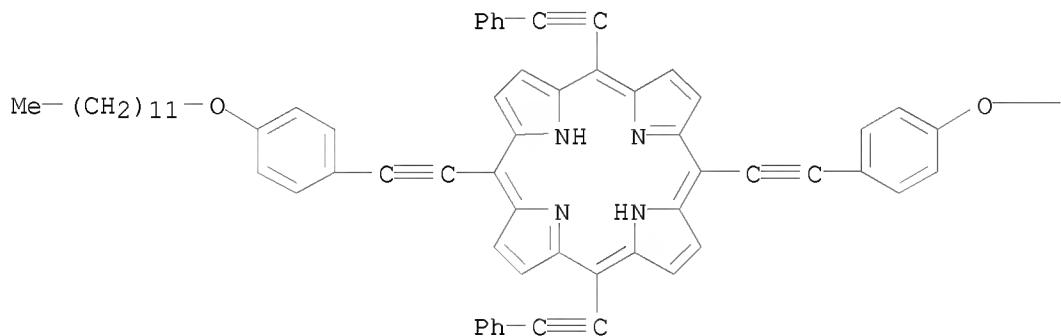


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 141 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 178939-89-4 REGISTRY
 ED Entered STN: 31 Jul 1996
 CN 21H,23H-Porphine, 5,15-bis[4-(dodecyloxy)phenyl]ethynyl]-10,20-bis(phenylethyynyl)-, conjugate diacid (9CI) (CA INDEX NAME)
 MF C76 H78 N4 O2 . 2 H
 SR CA
 LC STN Files: CA, CAPLUS
 CRN (178939-86-1)

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●2 H⁺

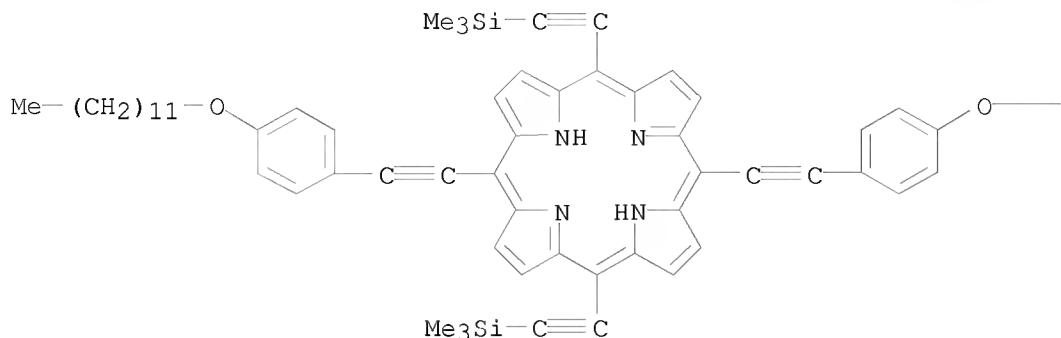
PAGE 1-B

— (CH₂)₁₁—Me

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 142 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 178939-87-2 REGISTRY
ED Entered STN: 31 Jul 1996
CN 21H,23H-Porphine, 5,15-bis[4-(dodecyloxy)phenyl]ethynyl]-10,20-
bis[(trimethylsilyl)ethynyl]- (9CI) (CA INDEX NAME)
MF C70 H86 N4 O2 Si2
SR CA
LC STN Files: CA, CAPLUS, CASREACT

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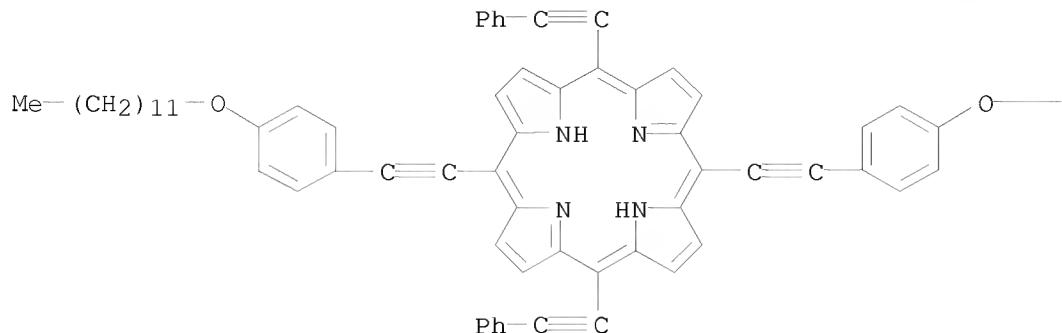
PAGE 1-B

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 143 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 178939-86-1 REGISTRY
ED Entered STN: 31 Jul 1996
CN 21H,23H-Porphine, 5,15-bis[[4-(dodecyloxy)phenyl]ethynyl]-10,20-
bis(phenylethynyl)- (9CI) (CA INDEX NAME)
MF C76 H78 N4 O2
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT

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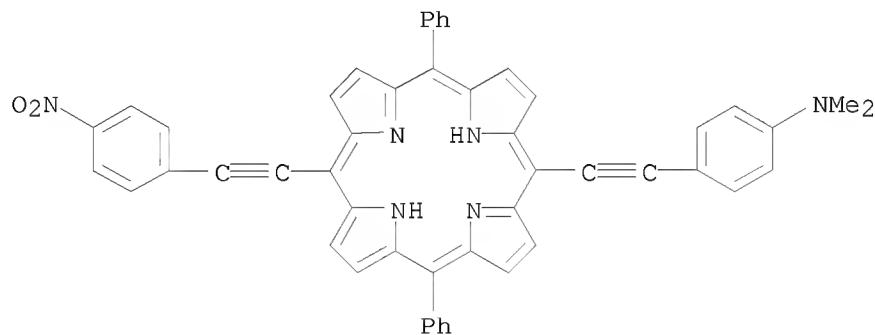
PAGE 1-B

— (CH₂)₁₁—Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 144 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 173104-99-9 REGISTRY
ED Entered STN: 09 Feb 1996
CN Benzenamine, N,N-dimethyl-4-[[15-[(4-nitrophenyl)ethynyl]-10,20-diphenyl-
21H,23H-porphin-5-yl]ethynyl]- (9CI) (CA INDEX NAME)
MF C₅₀ H₃₄ N₆ O₂
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



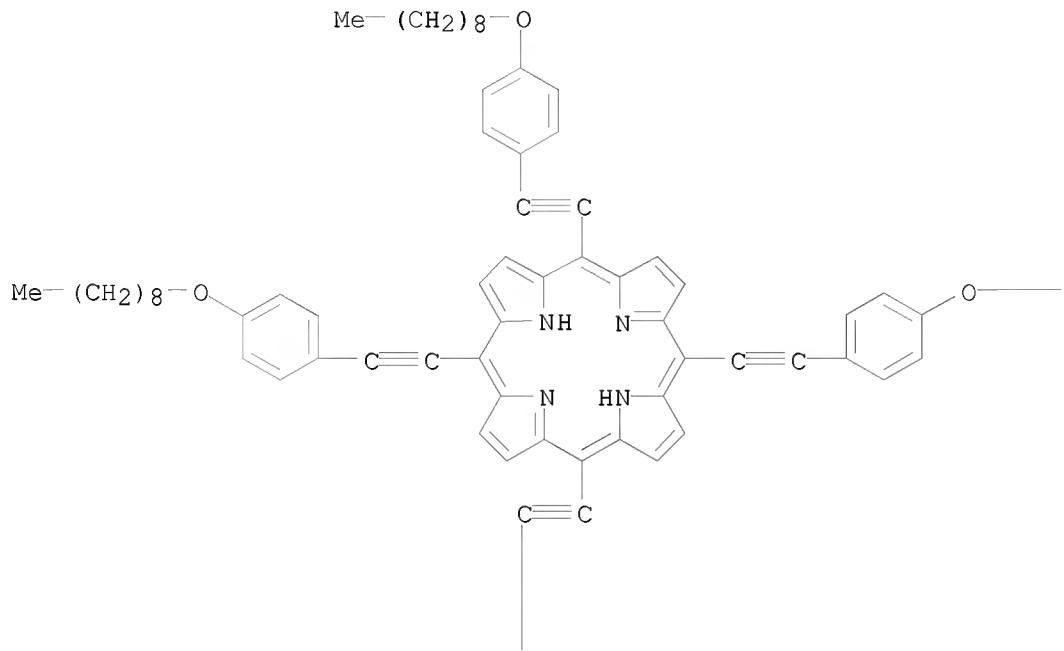
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 145 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 172546-48-4 REGISTRY
ED Entered STN: 24 Jan 1996
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[[4-(nonyloxy)phenyl]ethynyl]- (9CI)
(CA INDEX NAME)
MF C88 H102 N4 O4
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT

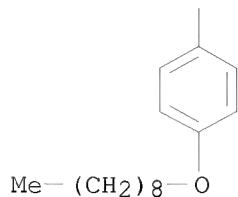
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— (CH₂)₈-Me

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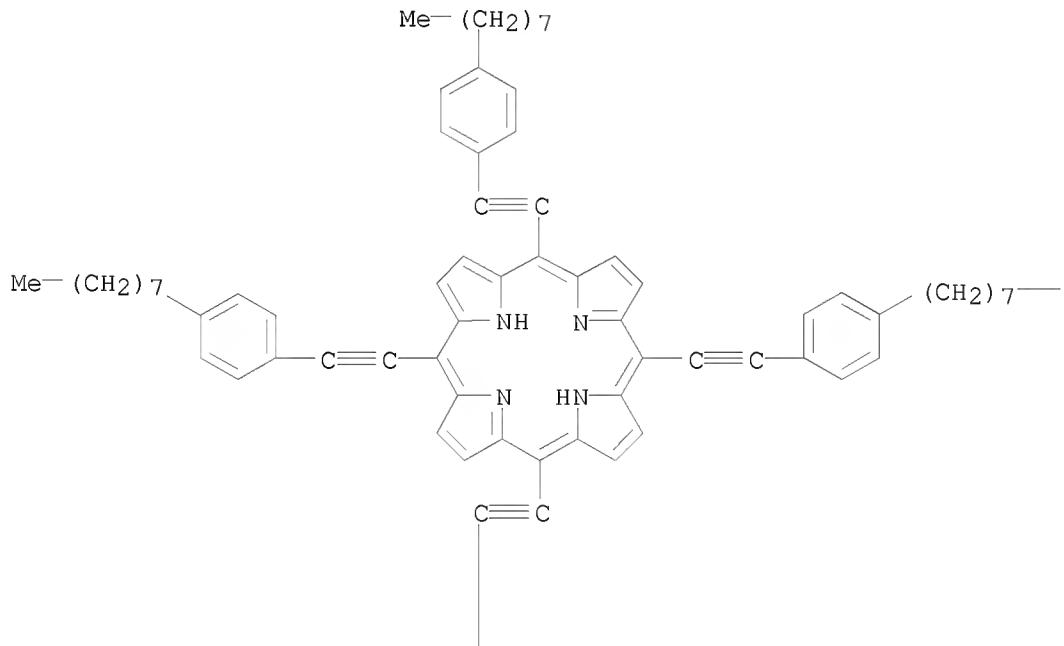


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

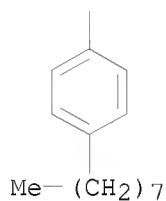
4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 146 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 172546-47-3 REGISTRY
ED Entered STN: 24 Jan 1996
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(4-octylphenyl)ethynyl]- (9CI) (CA
INDEX NAME)
MF C₈₄ H₉₄ N₄
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT

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— Me



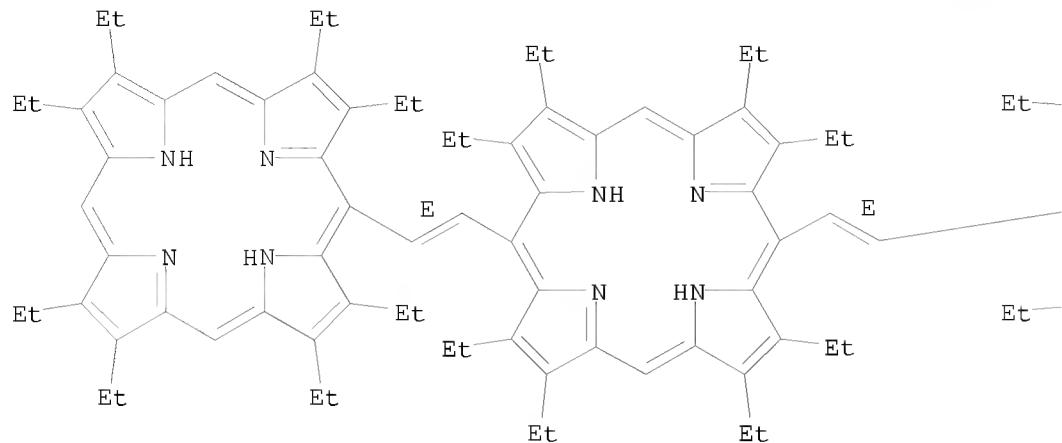
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

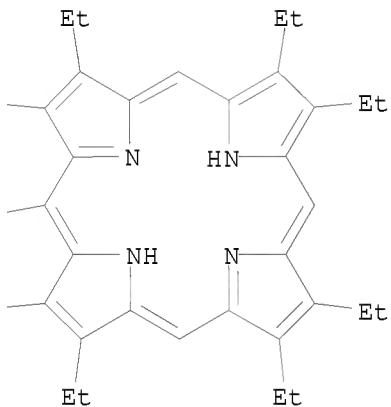
L14 ANSWER 147 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 166534-15-2 REGISTRY
 ED Entered STN: 18 Aug 1995
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[(1E)-2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-, (E,E)-(9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-, (E,E)-
 FS STEREOSEARCH
 MF C112 H138 N12
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.

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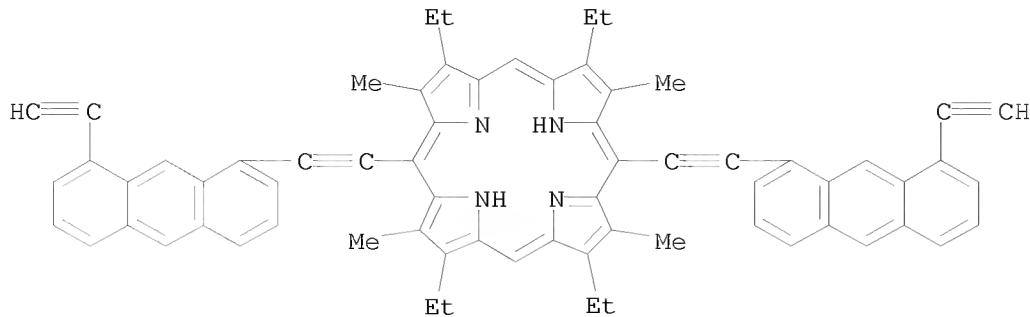
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 148 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 157993-38-9 REGISTRY
ED Entered STN: 29 Sep 1994
CN 21H,23H-Porphine, 2,8,12,18-tetraethyl-5,15-bis[(8-ethynyl-1-anthracenyl)ethynyl]-3,7,13,17-tetramethyl- (9CI) (CA INDEX NAME)
MF C68 H54 N4
SR CA
LC STN Files: CA, CAPLUS

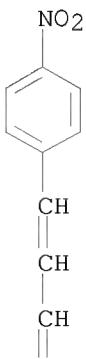


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

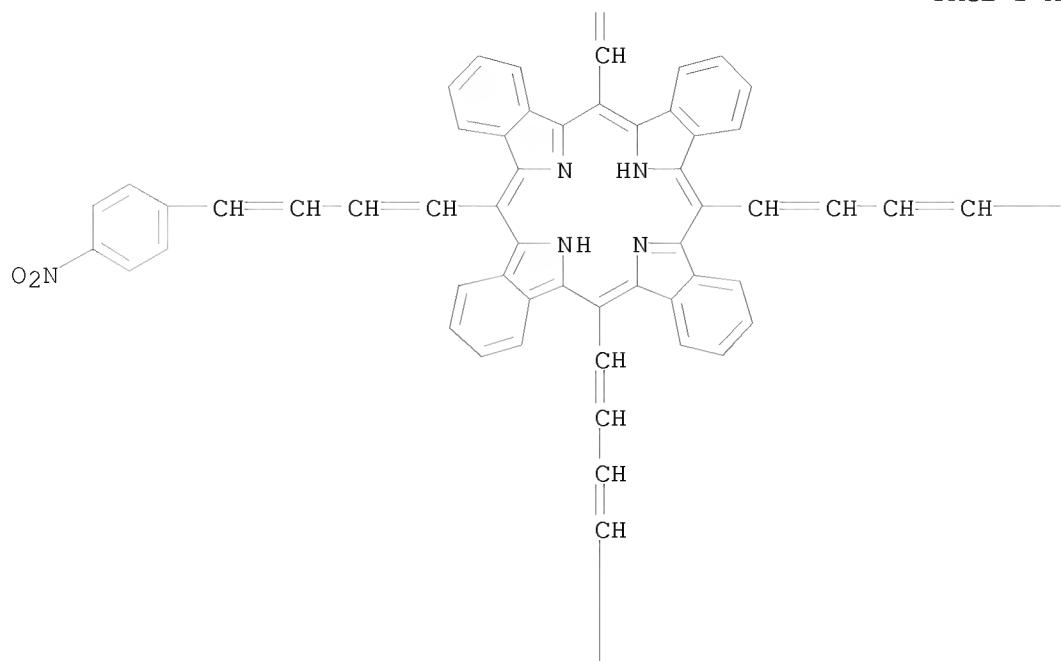
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 149 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 157247-09-1 REGISTRY
 ED Entered STN: 25 Aug 1994
 CN 29H,31H-Tetrabenzo[b,g,l,q]porphine,
 6,13,20,27-tetrakis[4-(4-nitrophenyl)-1,3-butadienyl]- (9CI) (CA INDEX
 NAME)
 MF C76 H50 N8 O8
 SR CA
 LC STN Files: CA, CAPLUS

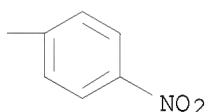
PAGE 1-A



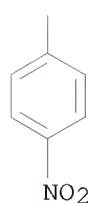
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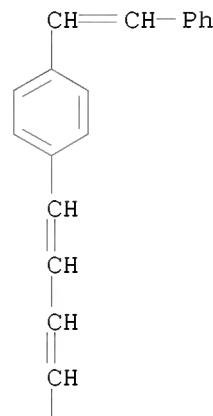
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

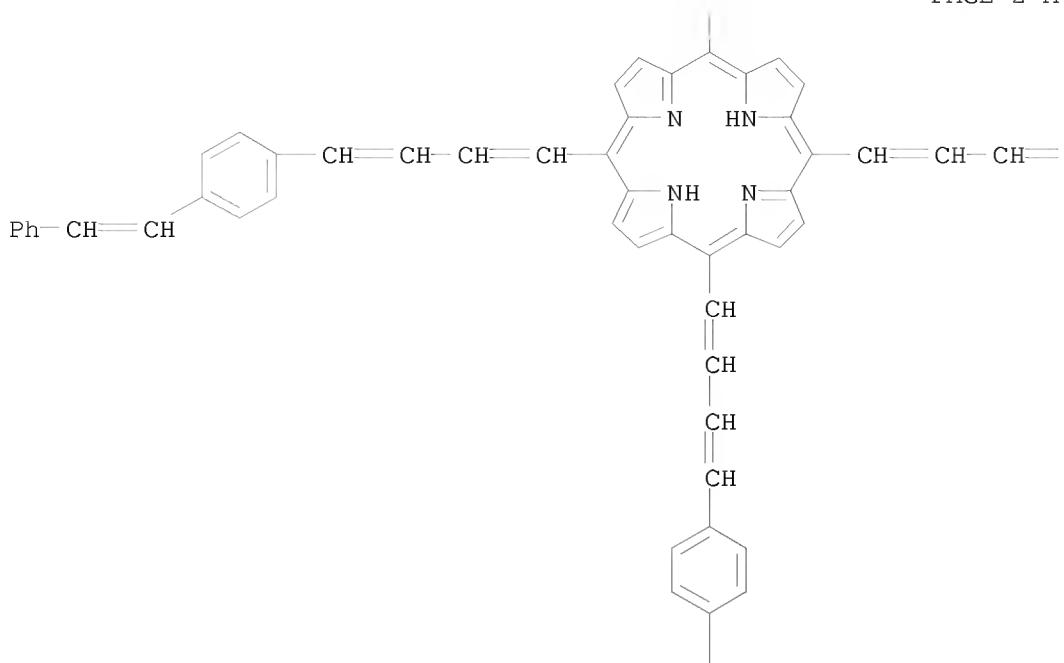
L14 ANSWER 150 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 157247-07-9 REGISTRY

ED Entered STN: 25 Aug 1994
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[4-[4-(2-phenylethenyl)phenyl]-1,3-
butadien-1-yl]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[4-[4-(2-phenylethenyl)phenyl]-1,3-
butadienyl]- (9CI)
MF C92 H70 N4
SR CA
LC STN Files: CA, CAPLUS

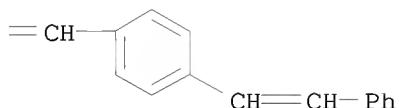
PAGE 1-A



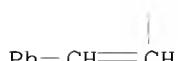
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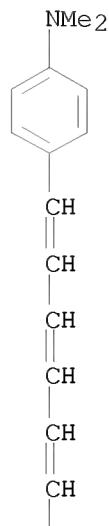


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

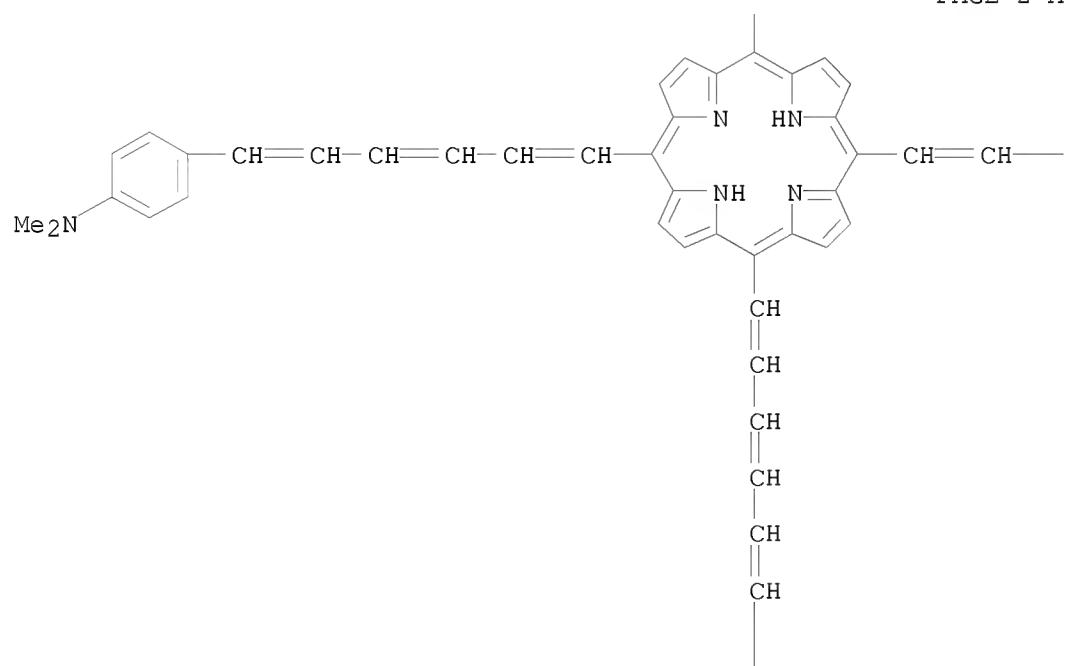
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 151 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 157247-06-8 REGISTRY
ED Entered STN: 25 Aug 1994
CN Benzenamine, 4,4',4'',4'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-1,3,5-hexatriene-6,1-diyl)tetrakis[N,N-dimethyl- (9CI) (CA INDEX NAME)
MF C76 H74 N8
SR CA
LC STN Files: CA, CAPLUS

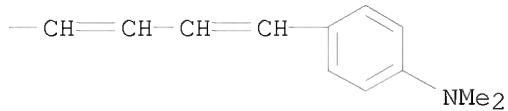
PAGE 1-A



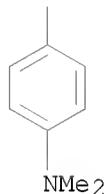
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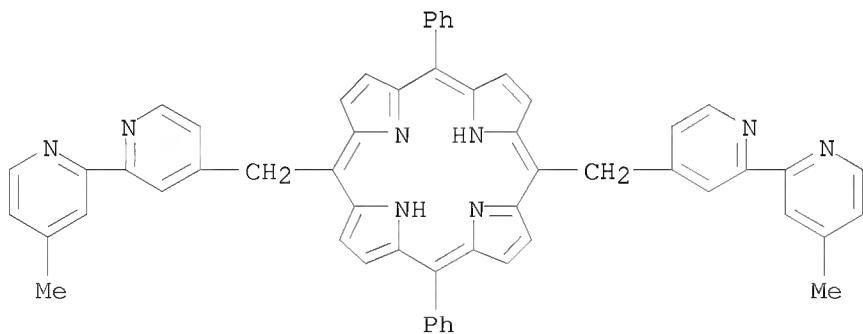
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 152 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 146985-17-3 REGISTRY
ED Entered STN: 14 Apr 1993
CN 21H,23H-Porphine, 5,15-bis[(4'-methyl[2,2'-bipyridin]-4-yl)methyl]-10,20-diphenyl- (CA INDEX NAME)
MF C56 H42 N8
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 153 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 146176-88-7 REGISTRY

ED Entered STN: 25 Feb 1993

CN α -D-Xylofuranose, 5,5',5'',5'''-C-21H,23H-porphine-5,10,15,20-tetrayltetrakis[1,2-O-(1-methylethylidene)-3,5-bis-O-(phenylmethyl)-, (5S,5'S,5''S,5'''S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Furo[2,3-d]-1,3-dioxole, α -D-xylofuranose deriv.

FS STEREOSEARCH

MF C108 H110 N4 O20

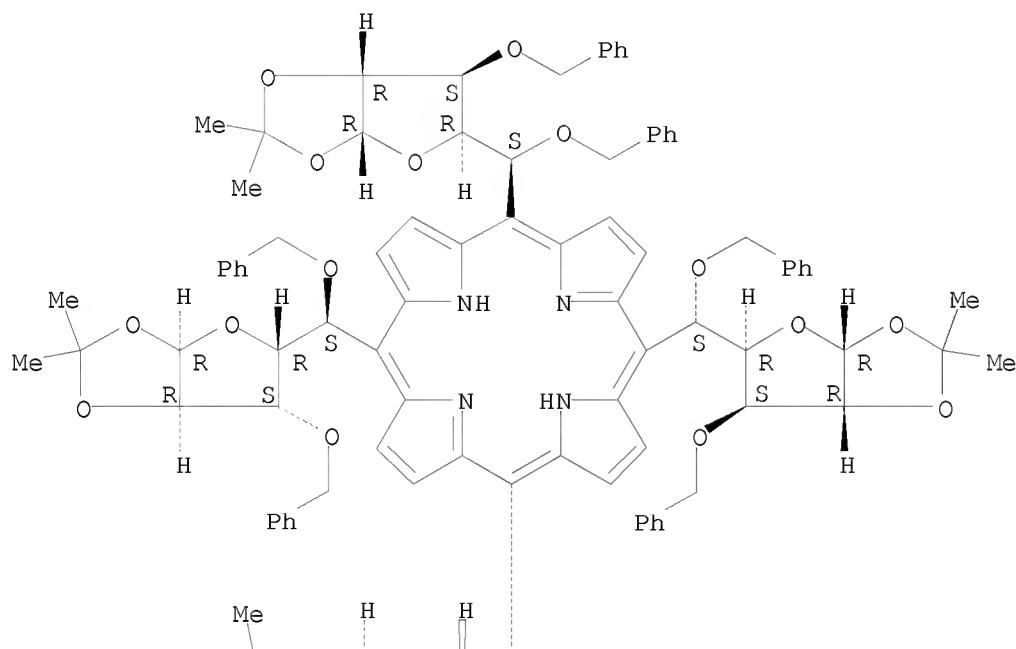
SR CA

LC STN Files: BEILSTEIN*, CA, CAPLUS

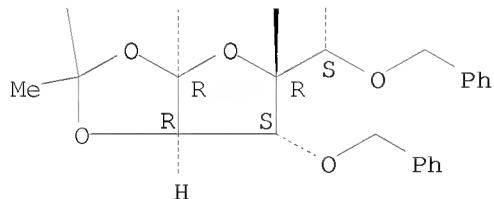
(*File contains numerically searchable property data)

Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

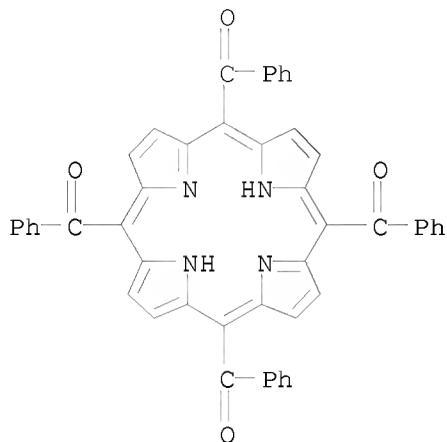
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 154 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 145362-98-7 REGISTRY

ED Entered STN: 15 Jan 1993

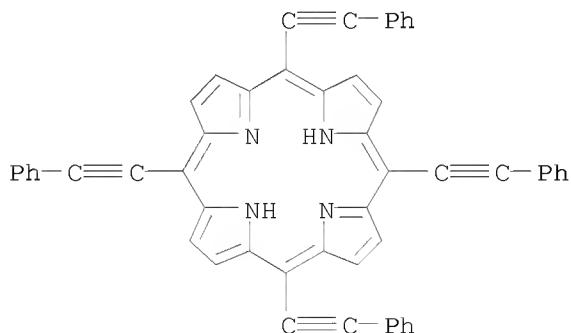
CN Methanone, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetraakis[1-phenyl- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methanone, 21H,23H-porphine-5,10,15,20-tetrayltetraakis[phenyl- (9CI)
 MF C48 H30 N4 O4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

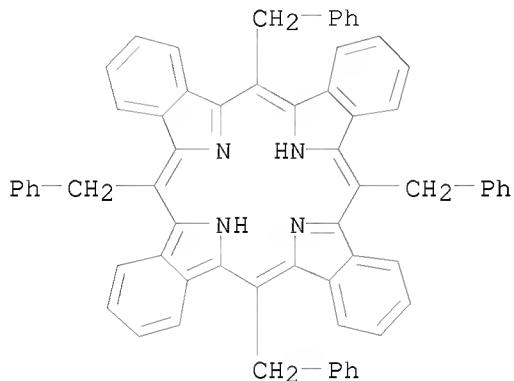
L14 ANSWER 155 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 142646-71-7 REGISTRY
 ED Entered STN: 30 Jul 1992
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(phenylethynyl)- (9CI) (CA INDEX NAME)
 MF C52 H30 N4
 CI COM
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

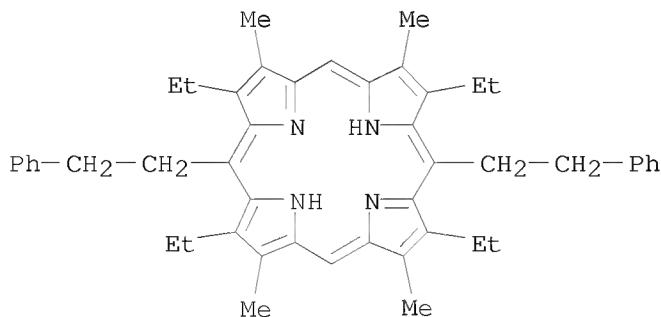
L14 ANSWER 156 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 128976-34-1 REGISTRY
ED Entered STN: 24 Aug 1990
CN 29H,31H-Tetrabenzo[b,g,l,q]porphine, 6,13,20,27-tetrakis(phenylmethyl)-
(9CI) (CA INDEX NAME)
MF C64 H46 N4
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 157 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 119608-66-1 REGISTRY
ED Entered STN: 17 Mar 1989
CN 21H,23H-Porphine, 3,7,13,17-tetraethyl-2,8,12,18-tetramethyl-5,15-bis(2-phenylethyl)- (CA INDEX NAME)
MF C48 H54 N4
SR CA
LC STN Files: CA, CAPLUS



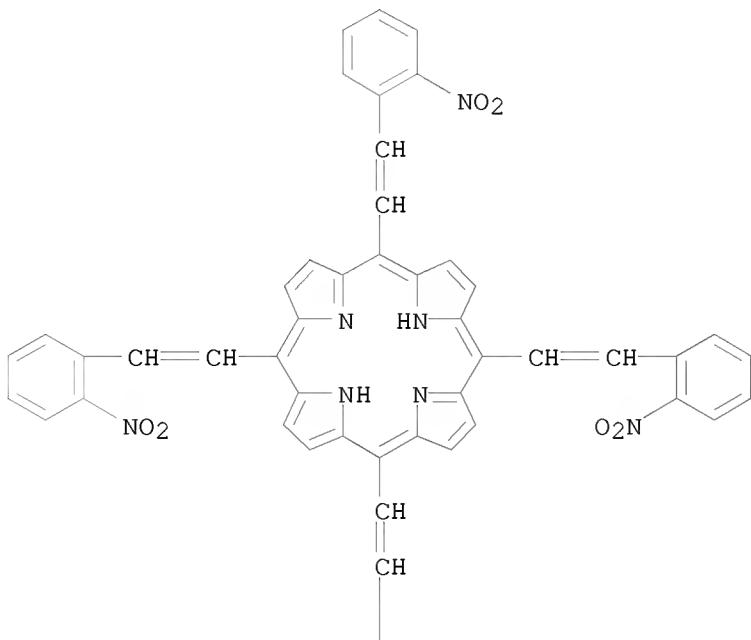
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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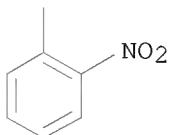
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 158 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 110452-11-4 REGISTRY
ED Entered STN: 27 Sep 1987
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[2-(2-nitrophenyl)ethenyl]- (CA INDEX NAME)
MF C52 H34 N8 O8
SR CA
LC STN Files: CA, CAPLUS

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PAGE 2-A

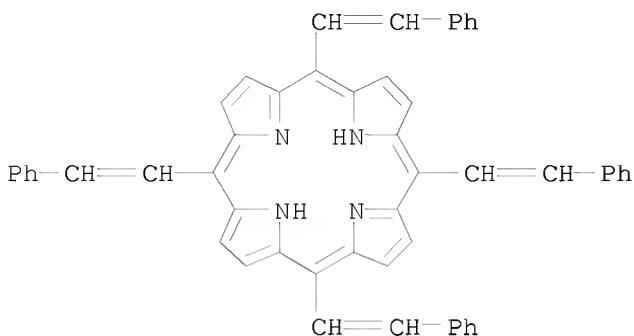


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 159 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 110452-10-3 REGISTRY
ED Entered STN: 27 Sep 1987
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2-phenylethenyl)- (CA INDEX NAME)
MF C52 H38 N4
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT

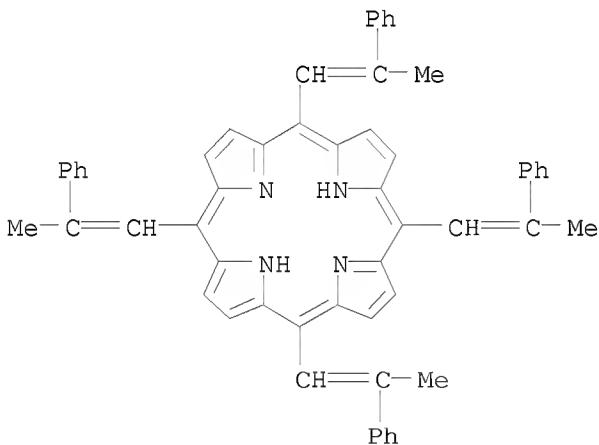
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 160 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 110452-09-0 REGISTRY
ED Entered STN: 27 Sep 1987
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2-phenyl-1-propen-1-yl)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2-phenyl-1-propenyl)- (9CI)
MF C56 H46 N4
SR CA
LC STN Files: CA, CAPLUS, CASREACT

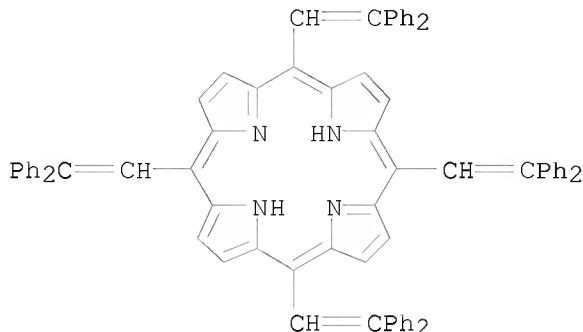


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 161 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 110452-08-9 REGISTRY
ED Entered STN: 27 Sep 1987

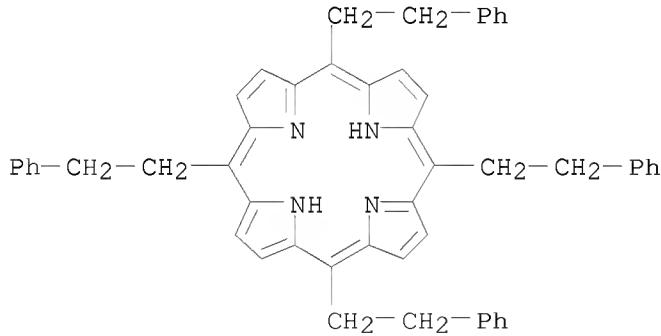
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2,2-diphenylethenyl)- (CA INDEX
 NAME)
 MF C76 H54 N4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 162 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 106456-91-1 REGISTRY
 ED Entered STN: 07 Feb 1987
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2-phenylethyl)- (CA INDEX NAME)
 MF C52 H46 N4
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

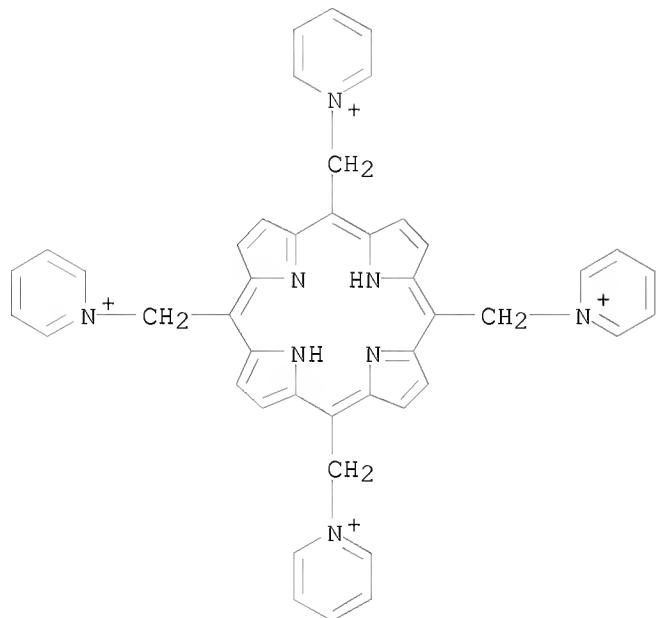
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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 163 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 80202-46-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Pyridinium, 1,1',1'',1'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis-, tetraperchlorate (9CI) (CA INDEX

NAME)
MF C44 H38 N8 . 4 Cl O4
LC STN Files: CA, CAPLUS

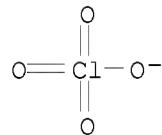
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CRN 80202-45-5
CMF C44 H38 N8



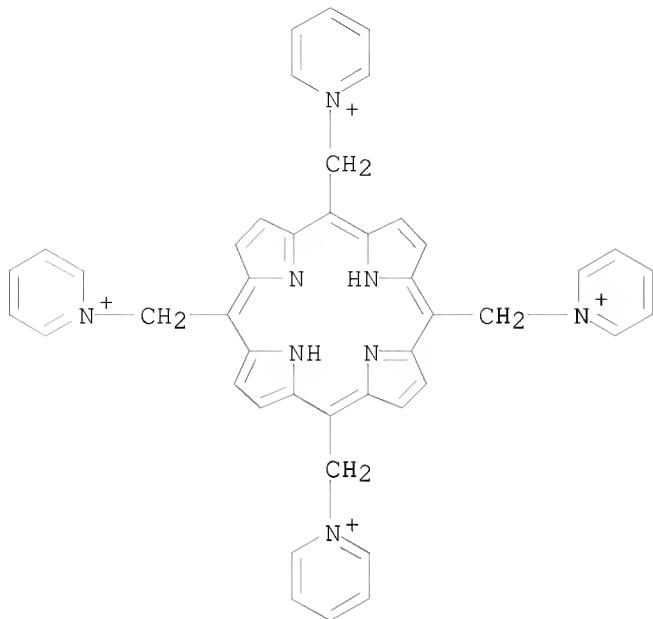
CM 2

CRN 14797-73-0
CMF Cl O4



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 164 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 80202-45-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN Pyridinium, 1,1',1'',1'''-[21H,23H-porphine-5,10,15,20-
tetrayltetrakis(methylene)]tetrakis- (9CI) (CA INDEX NAME)
MF C44 H38 N8
CI COM



L14 ANSWER 165 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 78920-94-2 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1-Butanaminium, N,N,N-tributyl-, 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[8-methyl-7,8-dicarbaundecaborate(4-)] (4:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 7,8-Dicarbaundecaborate(4-), 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[8-methyl-, tetrakis(N,N,N-tributyl-1-butanaminium) (9CI)

MF C36 H70 B36 N4 . 4 C16 H36 N

LC STN Files: CA, CAPLUS

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CRN 67542-61-4

CMF C36 H70 B36 N4

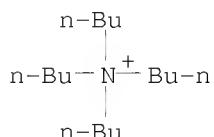
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CRN 10549-76-5

CMF C16 H36 N



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 166 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 67607-35-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Methanaminium, N,N,N-trimethyl-, 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[decahydro-8-methyl-7,8-dicarbaundecaborate(4-)] (4:1) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 7,8-Dicarbaundecaborate(4-), 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[decahydro-8-methyl-, tetrakis(N,N,N-trimethylmethanaminium) (9CI)
MF C36 H70 B36 N4 . 4 C4 H12 N
LC STN Files: CA, CAPLUS

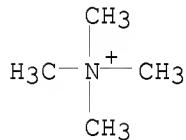
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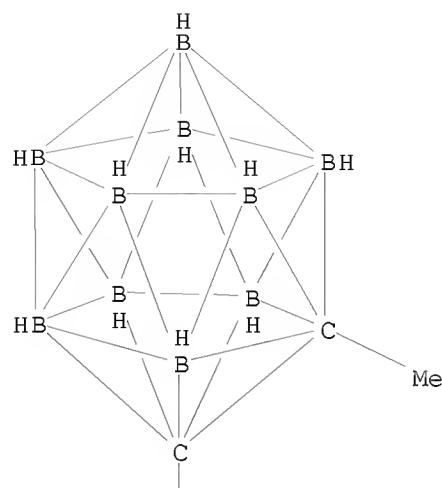
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CMF C4 H12 N



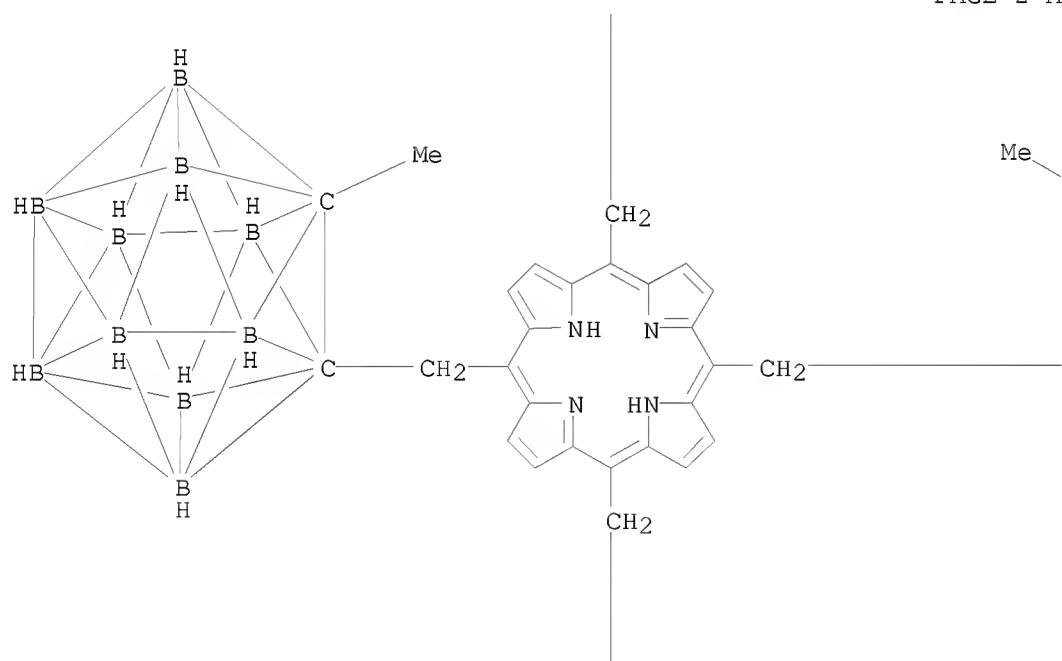
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

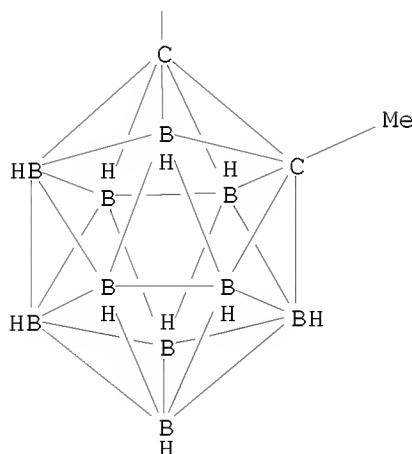
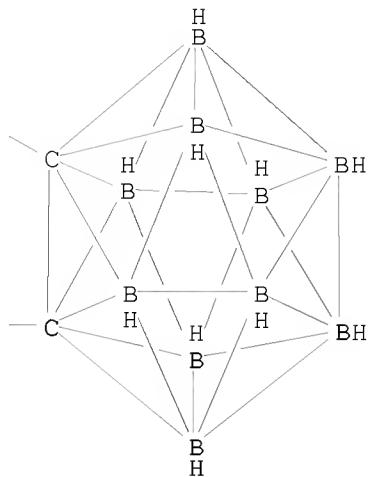
L14 ANSWER 167 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 67542-66-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(2-methyl-1,2-dicarbadodecaboran(12)-1-yl)methyl]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,2-Dicarbadodecaborane(12), 21H,23H-porphine deriv.
DR 78005-30-8
MF C36 H70 B40 N4
LC STN Files: CA, CAPLUS

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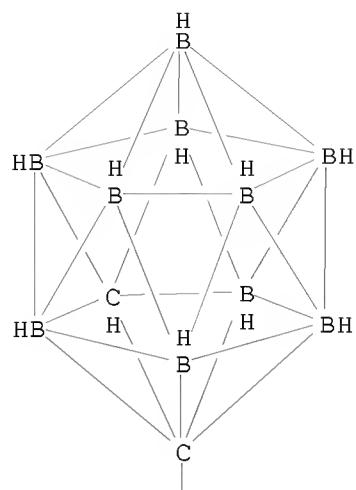




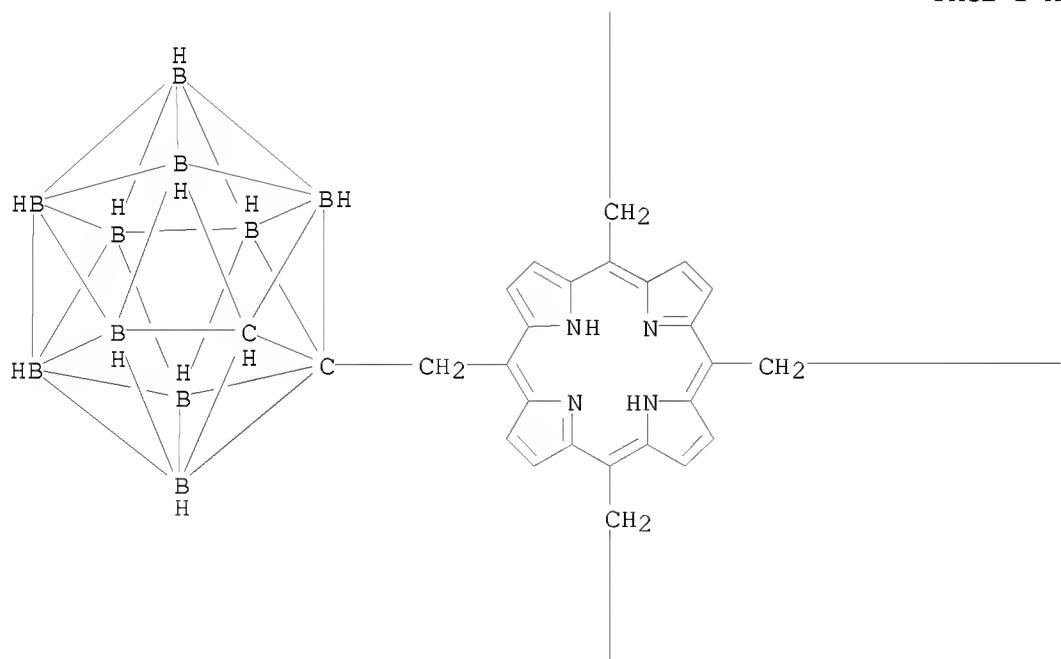
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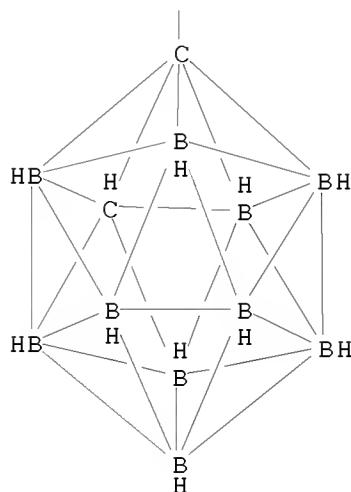
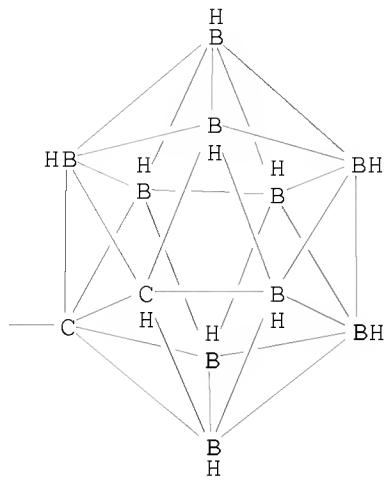
L14 ANSWER 168 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 67542-65-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(1,2-dicarbadodecaboran(12)-1-ylmethyl)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,2-Dicarbadodecaborane(12), 21H,23H-porphine deriv.
 MF C32 H62 B40 N4
 LC STN Files: CA, CAPLUS

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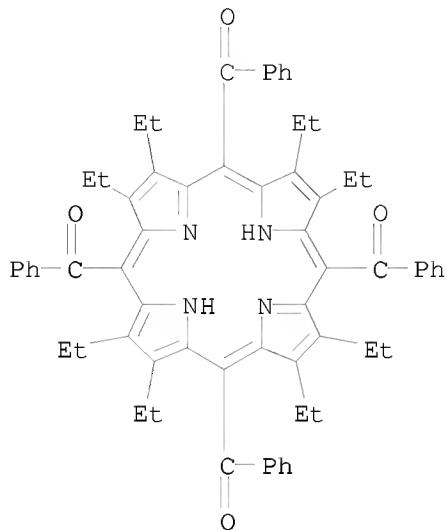
2 REFERENCES IN FILE CA (1907 TO DATE)
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L14 ANSWER 169 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 67542-61-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 7,8-Dicarbaundecaborate(4-), 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[8-methyl- (9CI) (CA INDEX NAME)
 MF C36 H70 B36 N4
 CI CCS, COM

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L14 ANSWER 170 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 63251-97-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Methanone, (2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphine-5,10,15,20-tetrayl)tetrakis[phenyl- (9CI) (CA INDEX NAME)

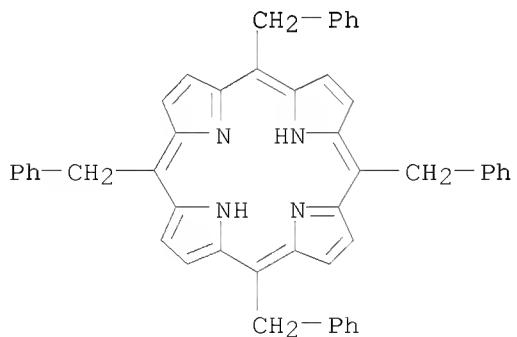
MF C64 H62 N4 O4
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 171 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN
RN 36729-83-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(phenylmethyl)- (CA INDEX NAME)
OTHER NAMES:
CN meso-Tetrabenzylporphyrin
DR 98630-05-8
MF C48 H38 N4
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	724.71	1289.77

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STRUCTURE FILE UPDATES: 29 SEP 2009 HIGHEST RN 1186580-18-6
DICTIONARY FILE UPDATES: 29 SEP 2009 HIGHEST RN 1186580-18-6

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> SET TERMSET E#

SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL L14 158 RN

E1 THROUGH E1 ASSIGNED

=> S E1/RN

L15 1 110452-11-4/RN

=> SET TERMSET LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.58	1290.35

FILE 'CAPLUS' ENTERED AT 12:58:10 ON 01 OCT 2009
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FILE COVERS 1907 - 1 Oct 2009 VOL 151 ISS 14
FILE LAST UPDATED: 30 Sep 2009 (20090930/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

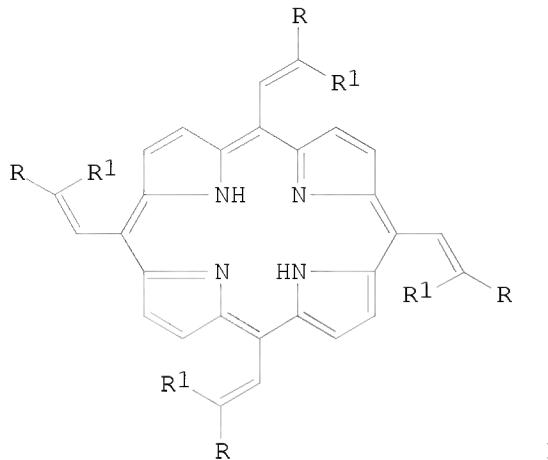
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=> S L15

L16 1 L15

=> DIS L16 1 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 3.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1987:534098 CAPLUS
DOCUMENT NUMBER: 107:134098
ORIGINAL REFERENCE NO.: 107:21653a, 21656a
TITLE: Synthesis of meso-tetravinylporphyrins through
1-selenoallyl cationic species
AUTHOR(S): Hevesi, Laszlo; Renard, Michel; Proess, Gottfried
CORPORATE SOURCE: Dep. Chem., Fac. Univ. Notre-Dame de la Paix, Namur,
B-5000, Belg.
SOURCE: Journal of the Chemical Society, Chemical
Communications (1986), (23), 1725-7
CODEN: JCCCAT; ISSN: 0022-4936
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 107:134098
GRAPHIC IMAGE:



ABSTRACT:

meso-Tetravinylporphyrines, I ($R = R1 = Me, Et, Ph, CHMe2$; $R = Me, R1 = Ph$) were prepared in 9–28% yield regioselectively from $RR1C:CHCH(SeMe)2$ (II) and pyrrole in one-pot via $AgClO4$ generation of the 1-selenoallyl cation and DDQ oxidation of the intermediate porphyrinogens. The reaction failed with II ($R = H, R1 = Ph, 2-O2NC6H4$). The Cu complex of I ($R = R1 = CHMe2$) was obtained directly with $Cu(OAc)2$, II, and pyrrole.

OS.CITING REF COUNT: 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.50	1294.85
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.82	-0.82

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LAST RELOADED: Sep 25, 2009 (20090925/UP).

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.35	1295.20
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

FILE 'CAPLUS' ENTERED AT 13:02:52 ON 01 OCT 2009

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FILE COVERS 1907 - 1 Oct 2009 VOL 151 ISS 14
FILE LAST UPDATED: 30 Sep 2009 (20090930/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

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The ALL, BIB, MAX, and STD display formats in the CA/CAplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 9.

	SINCE FILE ENTRY	TOTAL SESSION
COST IN U.S. DOLLARS		
FULL ESTIMATED COST	2.50	1297.70
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:05:45 ON 01 OCT 2009